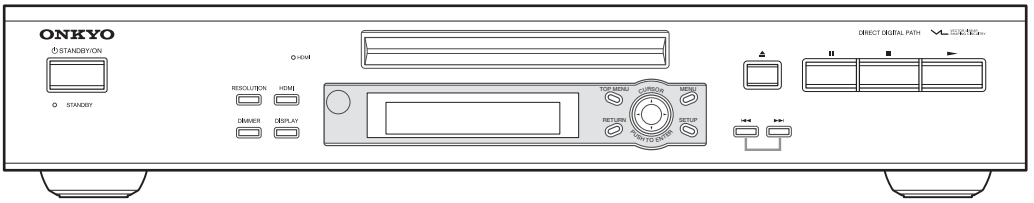
Ref. No. 3954
112006

ONKYO SERVICE MANUAL

DVD PLAYER
MODEL DV-SP504/504E



RC-657DV

Black, Silver and Golden models

BMDD, SMDD	120V AC, 60Hz
BMUP, SMUP BMUT, BMUA, BMUK SMUT, SMUA, SMUK GMUT, GMUA, GMUK	100 - 240V AC, 50/60Hz

SAFETY-RELATED COMPONENT WARNING!!

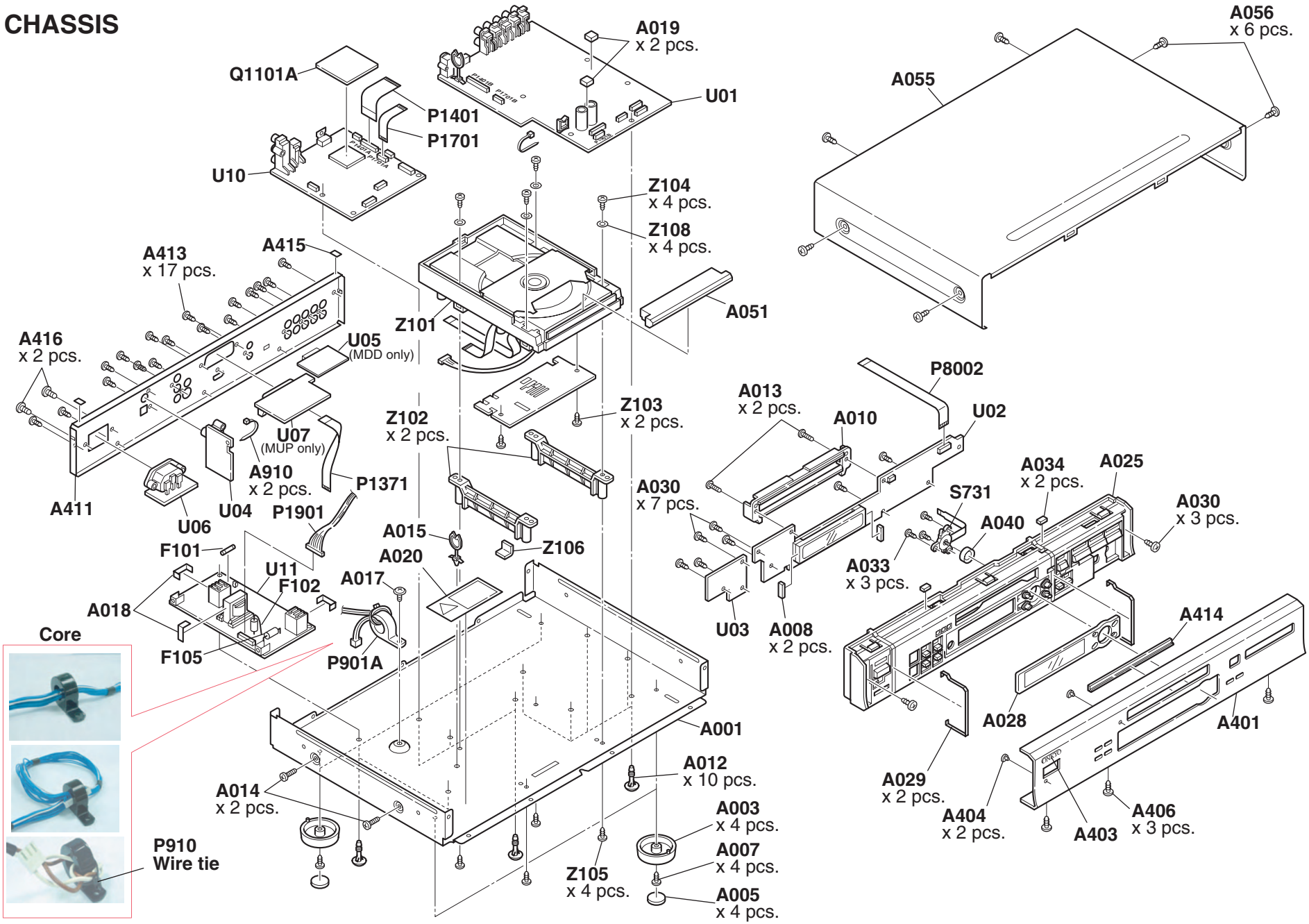
COMPONENTS IDENTIFIED BY MARK ⚠ ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

ONKYO®
IMAGINATIVE SIGHT & SOUND

EXPLODED VIEW

CHASSIS

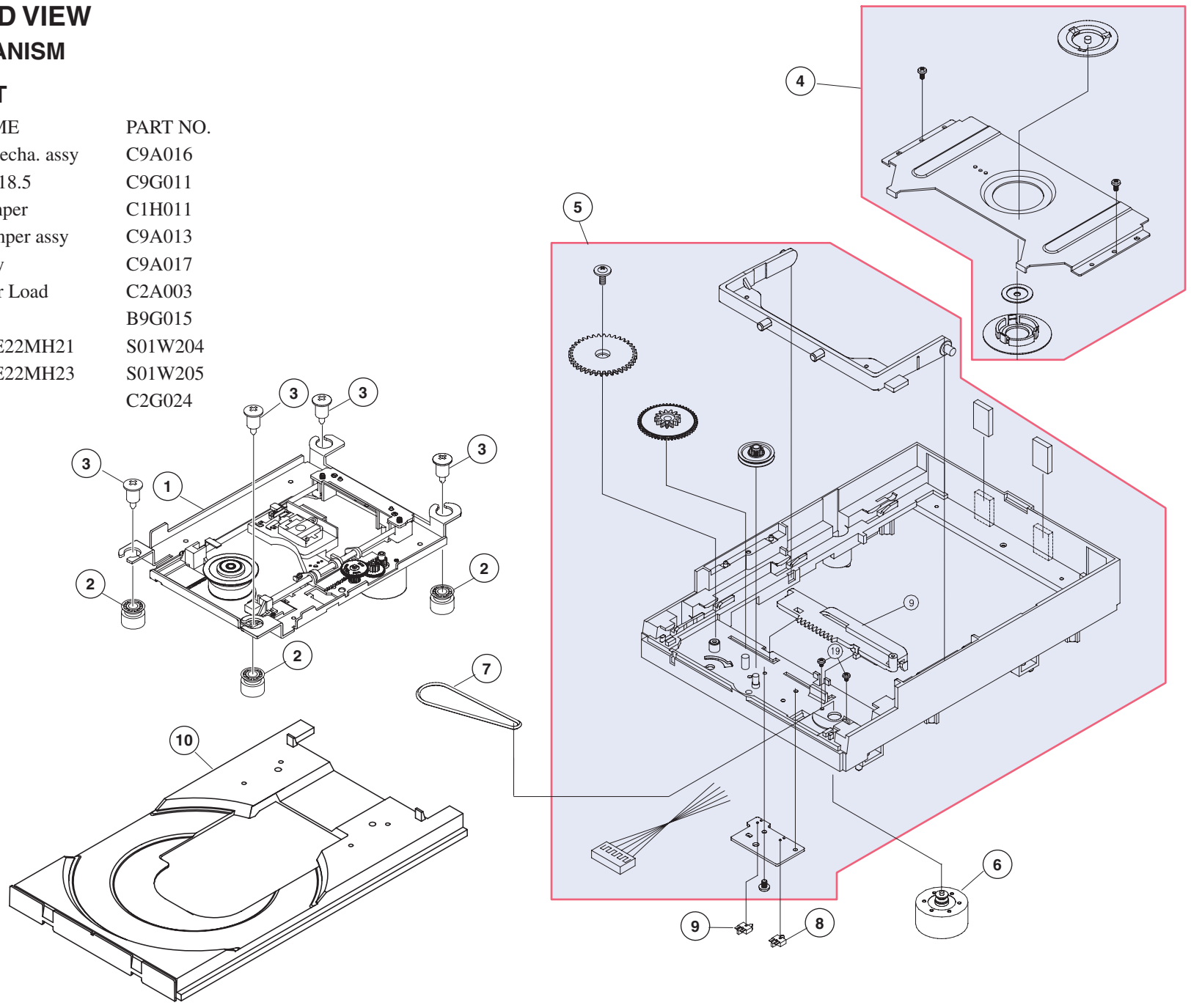


EXPLODED VIEW

DVD MECHANISM

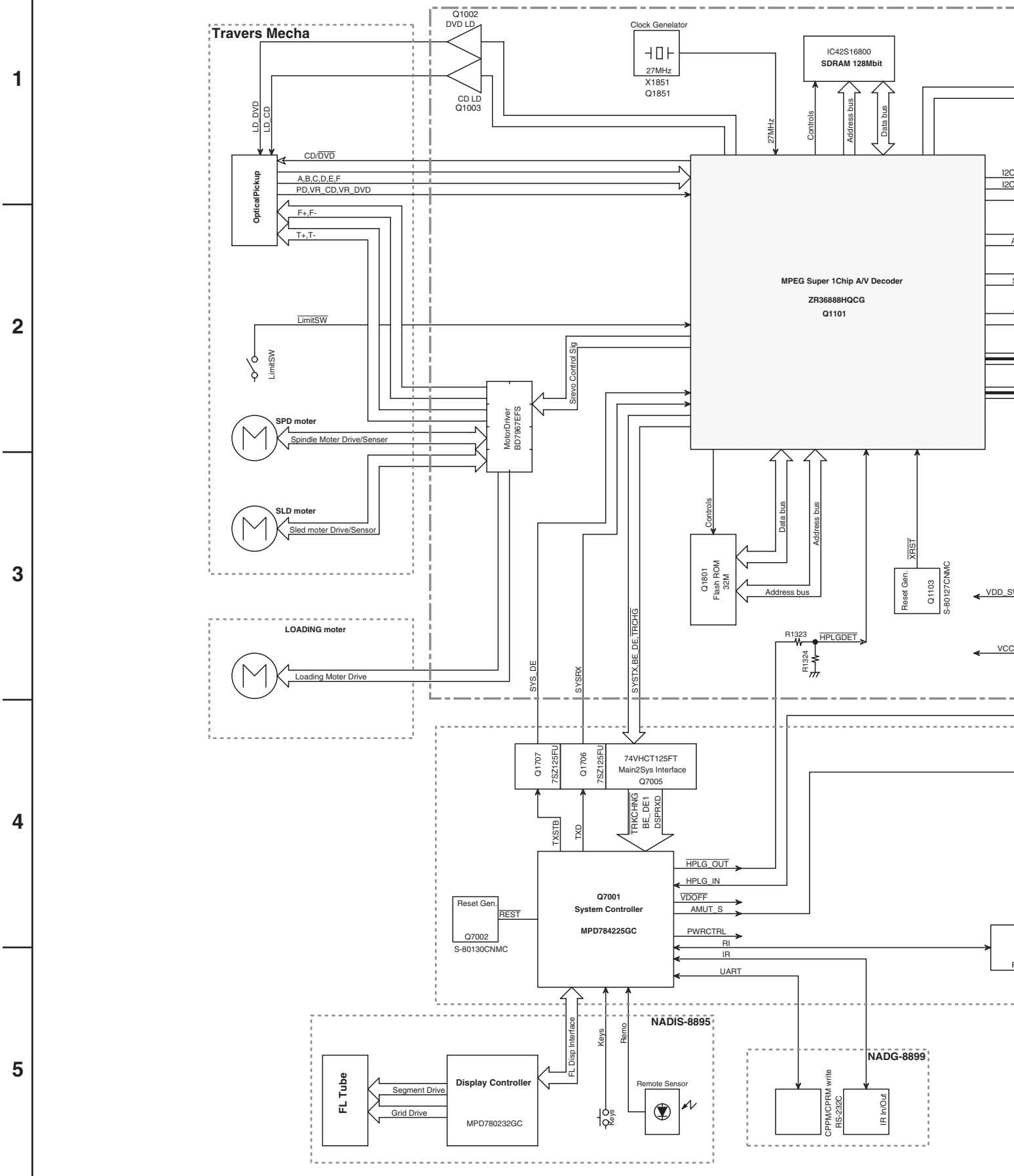
PARTS LIST

NO.	PART NAME	PART NO.
1	Traverse Mecha. assy	C9A016
2	DamperSI-18.5	C9G011
3	Screw Dumper	C1H011
4	Guide Clamper assy	C9A013
5	Loader assy	C9A017
6	Assy Motor Load	C2A003
7	Belt Load	B9G015
8	Switch ESE22MH21	S01W204
9	Switch ESE22MH23	S01W205
10	Tray	C2G024

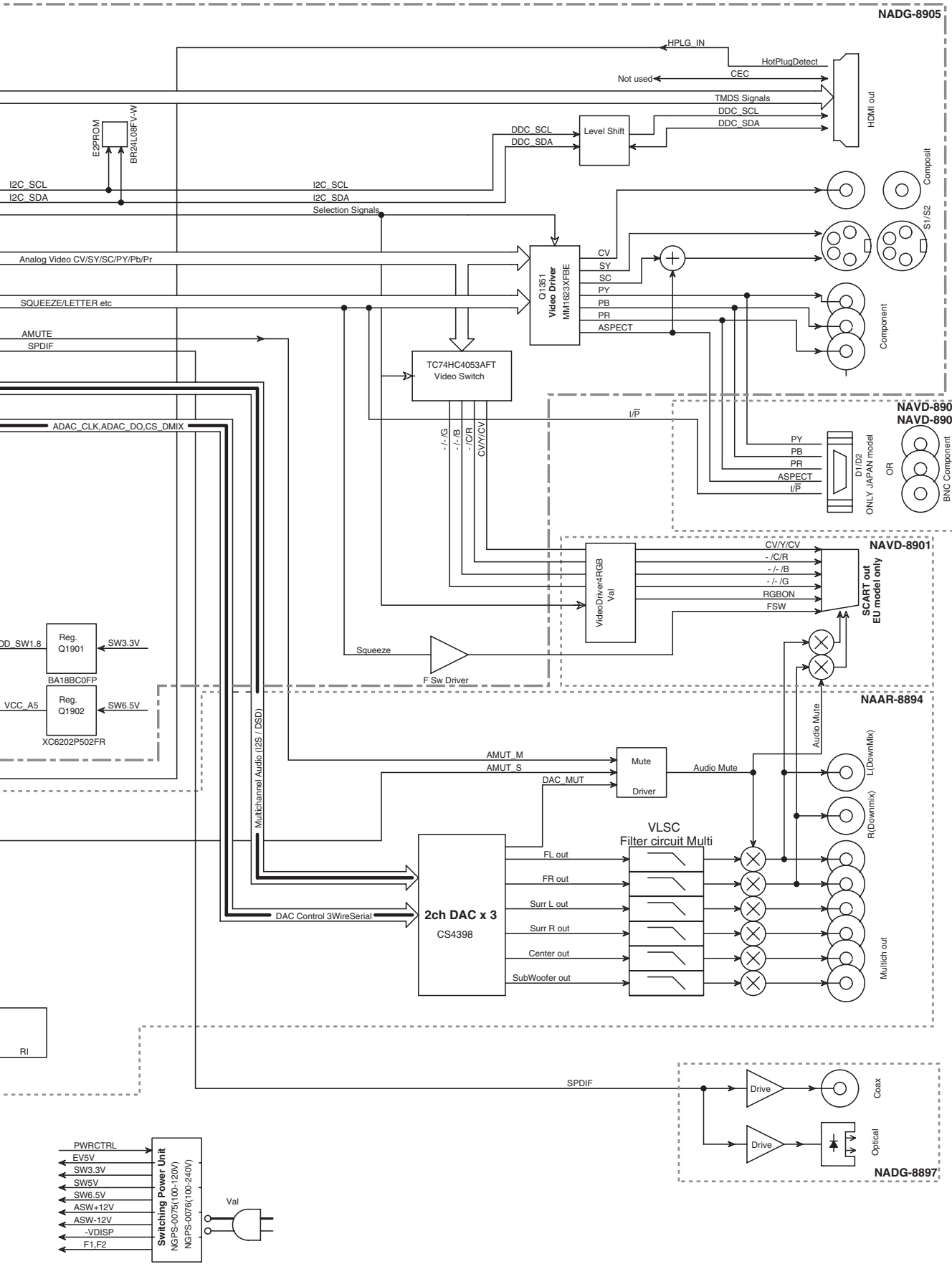


DV-SP504

BLOCK DIAGRAM

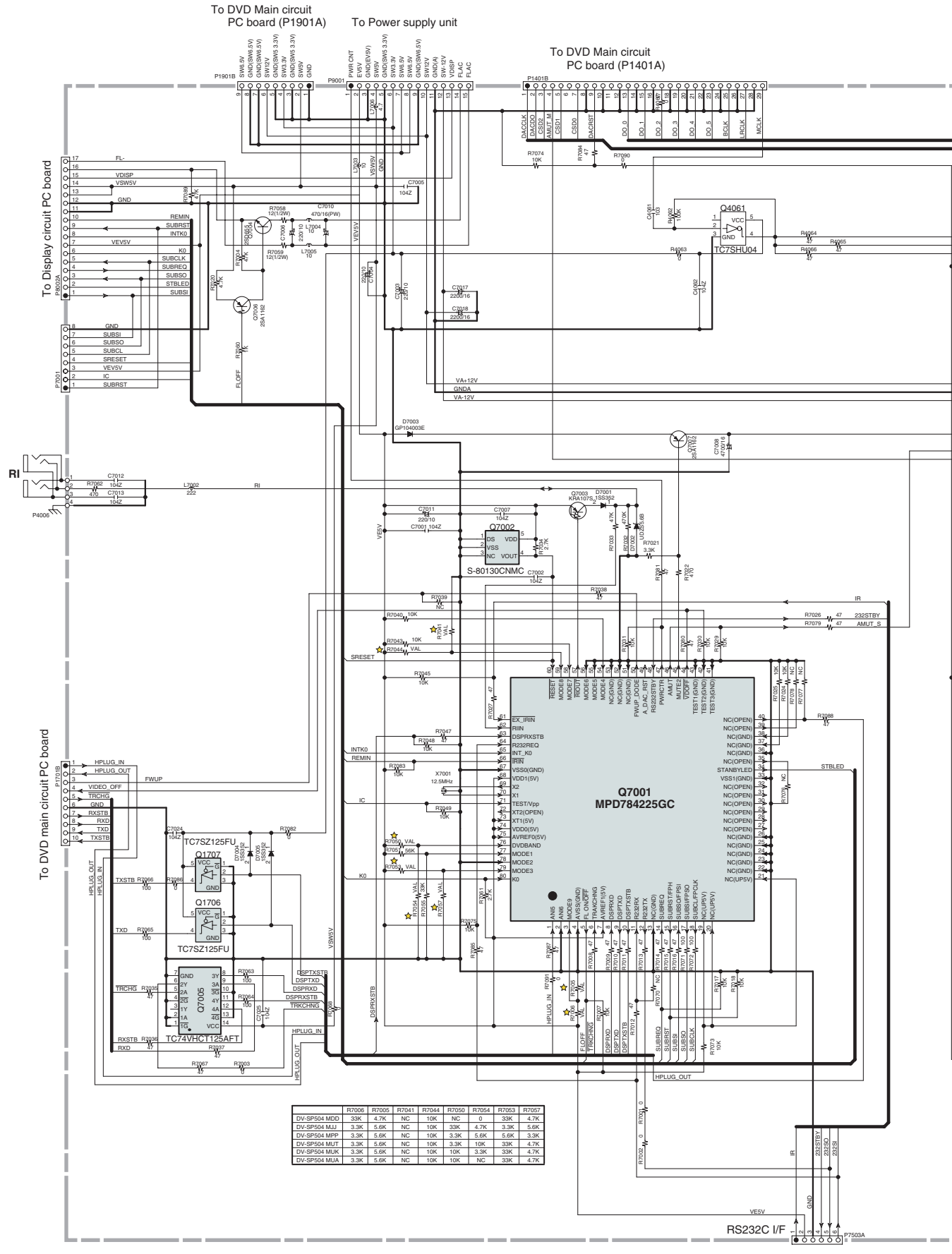


E F G H


NADG-8905
HPLG_IN
HotPlugDetect
CEC
Not used
TMDS Signals
DDC_SCL
DDC_SDA
HDMI out
Level Shift
DDC_SCL
DDC_SDA
E2PROM
BR24L08FV-W
I2C_SCL
I2C_SDA
I2C_SCL
I2C_SDA
Selection Signals
Composit
S1/S2
Analog Video CV/SY/SC/PY/Pb/Pr
SQUEEZE/LETTER etc
Q1351
Video Driver
MM1623XFBE
CV
SY
SC
PY
PB
PR
ASPECT
Component
AMUTE
SPDIF
TC74HC4053AFT
Video Switch
NAVD-8902
NAVD-8903
I/P
PY
PB
PR
ASPECT
I/P
D1/D2
ONLY JAPAN model
OR
BNC Component
Other model use
ADAC_CLK,ADAC_DO,CS_DMIX
- /- /G
- /- /B
- /C/R
CV/Y/CV
NAVD-8901
CV/Y/CV
- /C/R
- /- /B
- /- /G
RGBON
FSW
VideoDriver4RGB
Val
SCART out
EU model only
Reg.
Q1901
SW3.3V
BA18BC0FP
Reg.
Q1902
SW6.5V
XC6202P502FR
Squeeze
F Sw Driver
NAAR-8894
Audio Mute
AMUT_M
AMUT_S
DAC_MUT
Mute
Driver
Audio Mute
L(DownMix)
R(Downmix)
VLSC
Filter circuit Multi
Multichannel Audio (I2S / DSD)
FL out
FR out
Surr L out
Surr R out
Center out
SubWoofer out
DAC Control 3WireSerial
2ch DAC x 3
CS4398
Multich out
RI
SPDIF
Drive
Coax
Drive
Optical
NADG-8897
PWRCTRL
EV5V
SW3.3V
SW5V
SW6.5V
ASW+12V
ASW-12V
-VDISP
F1,F2
Switching Power Unit
NGPS-0075(100-120V)
NGPS-0076(100-240V)
Val

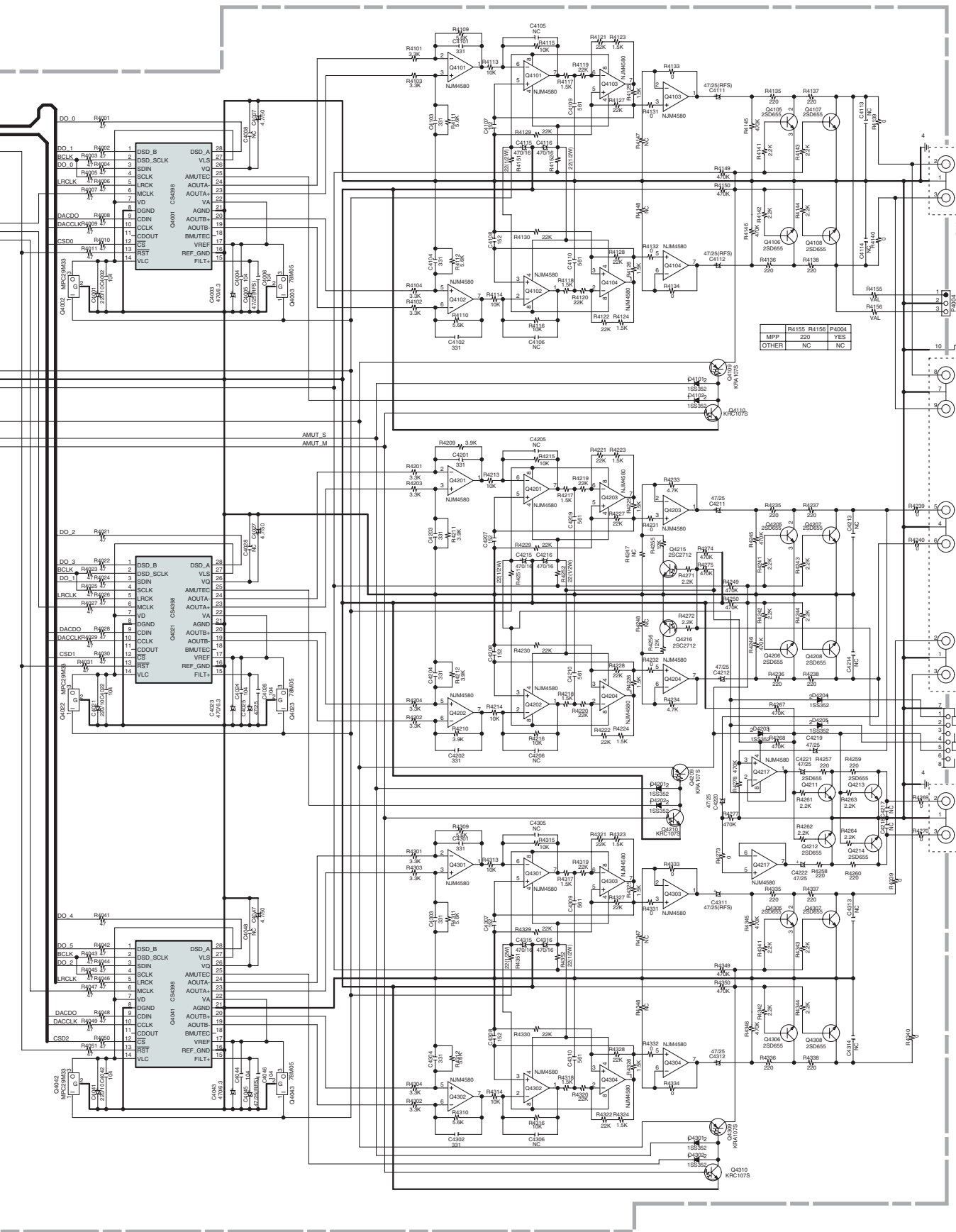
SCHEMATIC DIAGRAMS-1

U01 : AUDIO OUTPUT TERMINAL PC BOARD



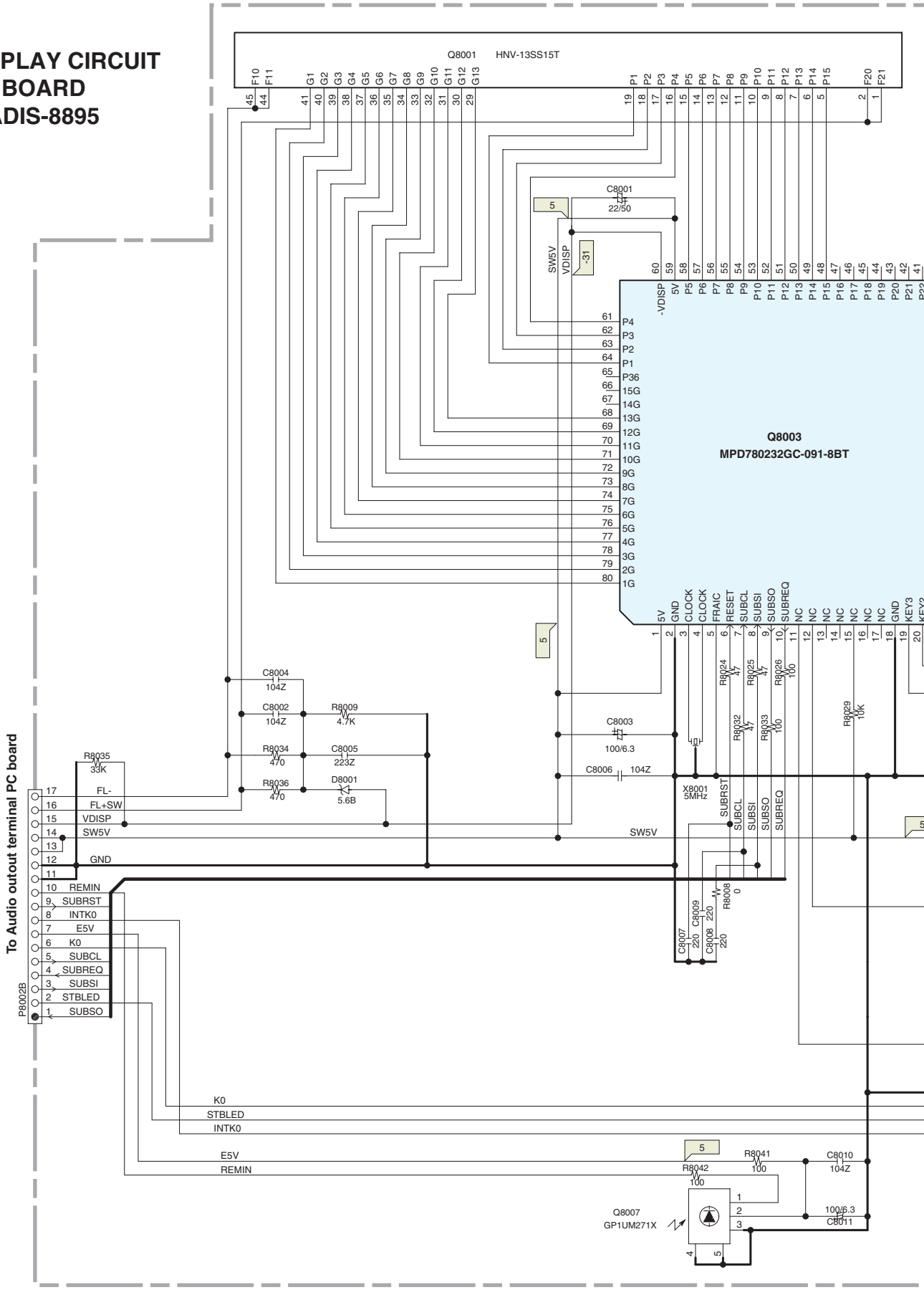
	R7006	R7005	R7041	R7044	R7050	R7054	R7053	R7057
DV-SP504 MDD	33K	4.7K	NC	10K	NC	0	33K	4.7K
DV-SP504 MJJ	3.3K	5.6K	NC	10K	33K	4.7K	3.3K	5.6K
DV-SP504 MPP	3.3K	5.6K	NC	10K	3.3K	5.6K	5.6K	3.3K
DV-SP504 MUT	3.3K	5.6K	NC	10K	3.3K	10K	33K	4.7K
DV-SP504 MUK	3.3K	5.6K	NC	10K	10K	3.3K	33K	4.7K
DV-SP504 MUA	3.3K	5.6K	NC	10K	10K	NC	33K	4.7K

E F G H

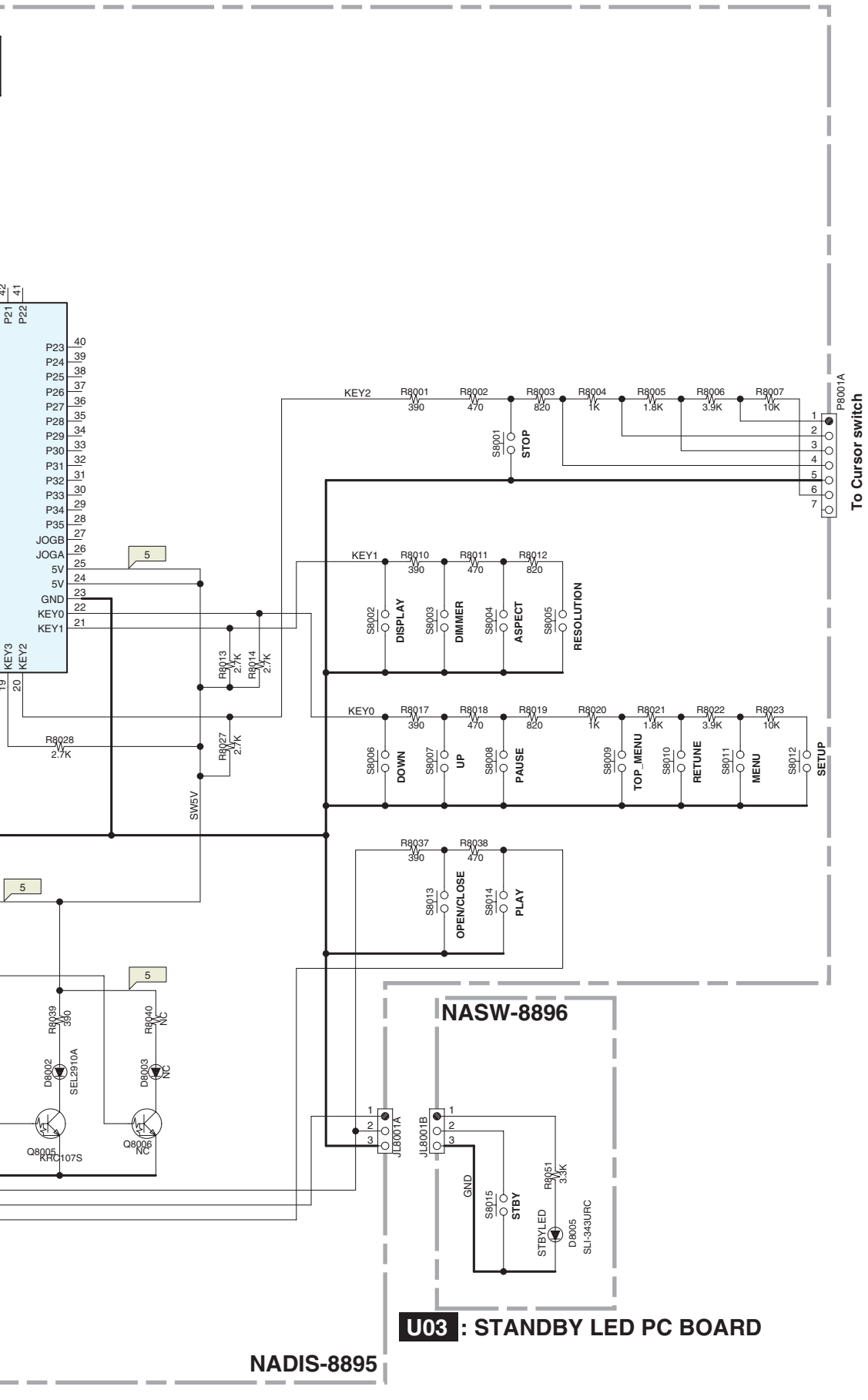

Audio out (Analog)
Audio out (Analog)
Audio out (SRUU 2)
RURR mode switch
To SCART Terminal
PC board (MPP only)
AMUT_S
AMUT_M
R4155 R4156 P4004
MPP 220 YES
OTHER NC NC
CS4398
NJM4580
NJM4560
2SD655
2SC2712
KRA107S
KRC107S
1SS352

SCHEMATIC DIAGRAMS-2

U02 : DISPLAY CIRCUIT
PC BOARD
NADIS-8895

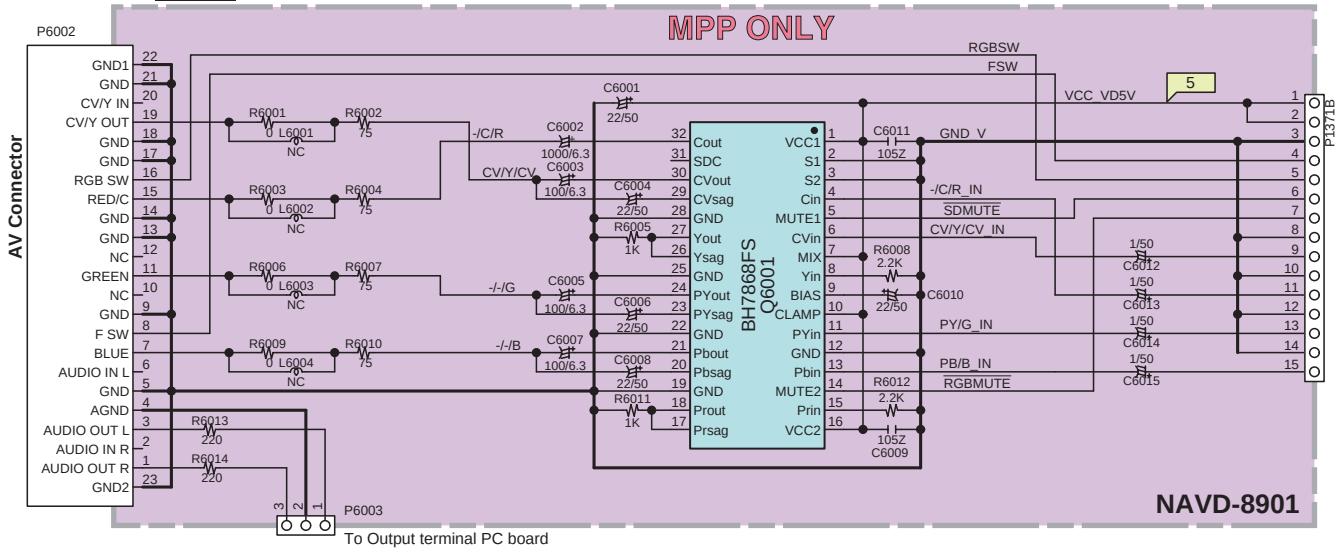


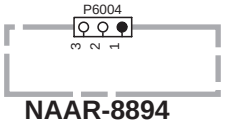
E F G H

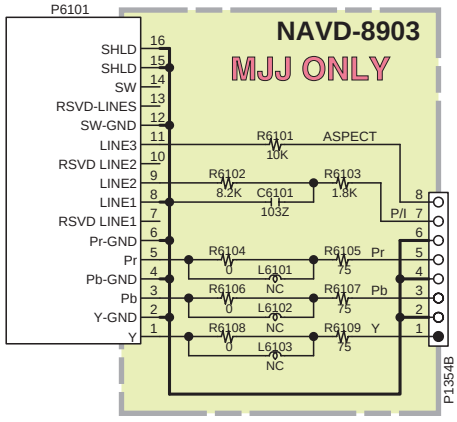

P21
P22
P23
P24
P25
P26
P27
P28
P29
P30
P31
P32
P33
P34
P35
JOGB
JOGA
5V
5V
GND
KEY0
KEY1
KEY3
KEY2
KEY2
R8001 390
R8002 470
R8003 820
R8004 1K
R8005 1.8K
R8006 3.9K
R8007 10K
S8001 STOP
P8001A
To Cursor switch
KEY1
R8010 390
R8011 470
R8012 820
S8002 DISPLAY
S8003 DIMMER
S8004 ASPECT
S8005 RESOLUTION
KEY0
R8017 390
R8018 470
R8019 820
R8020 1K
R8021 1.8K
R8022 3.9K
R8023 10K
S8006 DOWN
S8007 UP
S8008 PAUSE
S8009 TOP_MENU
S8010 RETUNE
S8011 MENU
S8012 SETUP
R8013 2.7K
R8014 2.7K
R8027 2.7K
R8028 2.7K
SW5V
R8037 390
R8038 470
S8013 OPEN/CLOSE
S8014 PLAY
R8039 390
R8040 NC
D8002 SEL2910A
D8003 NC
Q8005 KRC107S
Q8006 NC
JL8001A
JL8001B
GND
S8015 STBY
R8051 3.3K
STBYLED
D8005 SLI-343URC
NASW-8896
U03 : STANDBY LED PC BOARD
NADIS-8895

SCHEMATIC DIAGRAMS-3

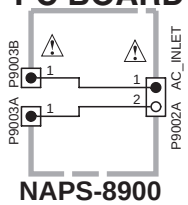
U07 : AV CONNECTOR PC BOARD







U06 : INLET TERMINAL PC BOARD



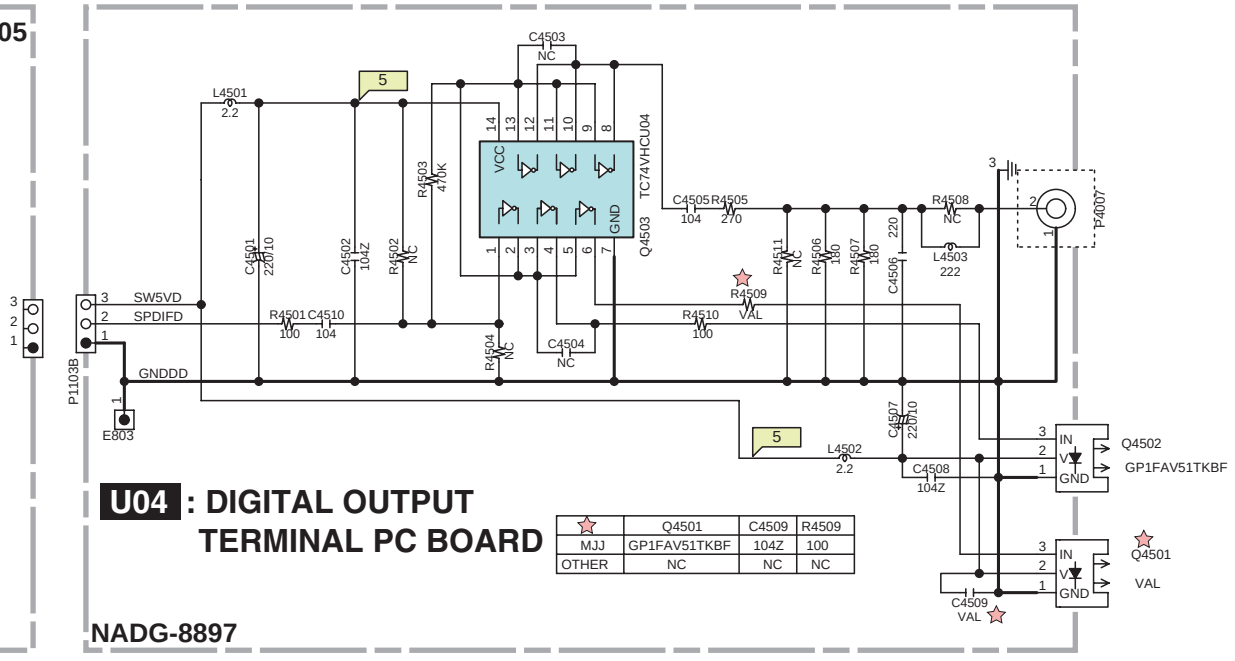
NC

NAA

E F G H

NADG-8905

U10 : DVD MAIN CIRCUIT PC BOARD

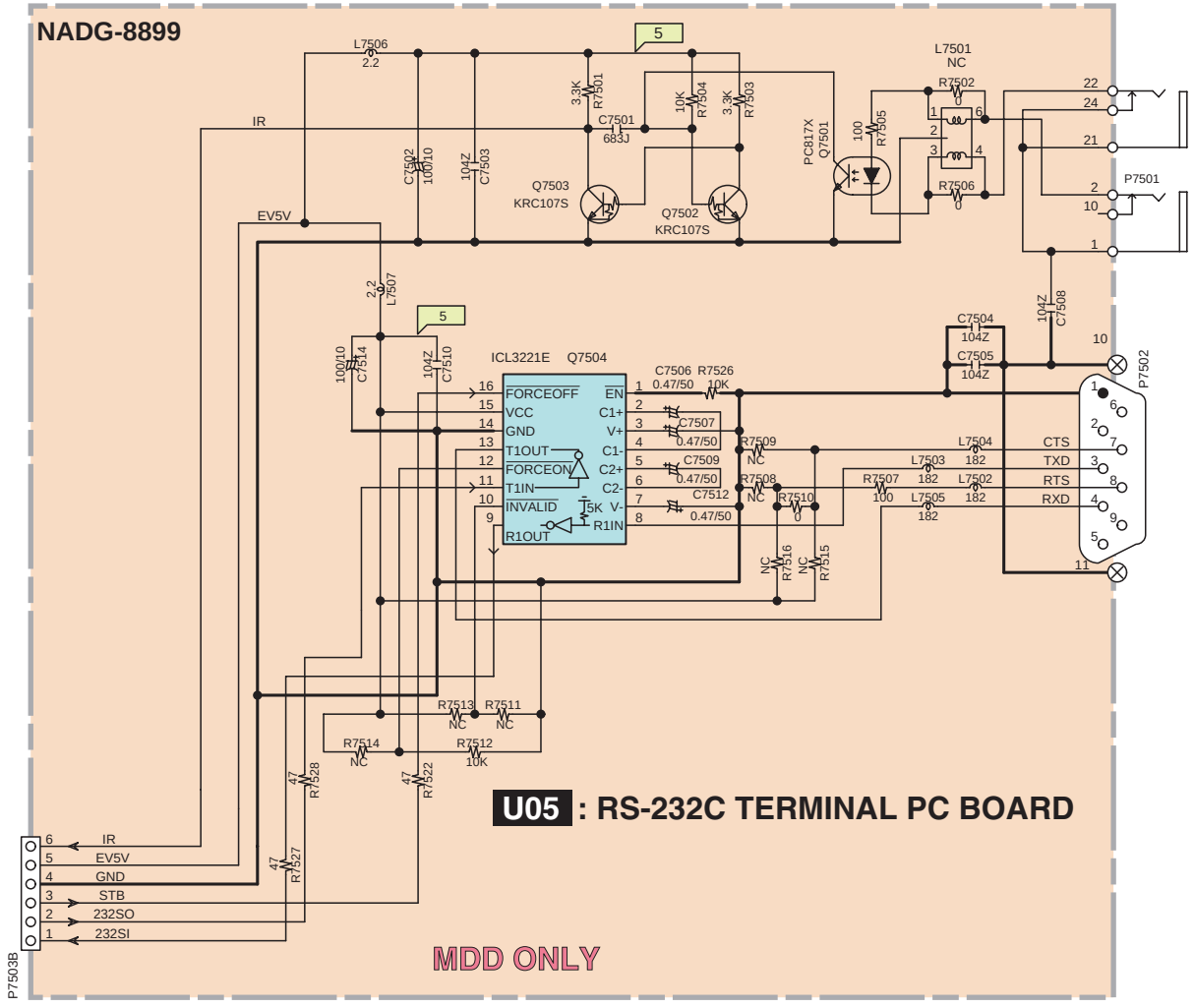


U04 : DIGITAL OUTPUT TERMINAL PC BOARD

	Q4501	C4509	R4509
MJJ	GP1FAV51TKBF	104Z	100
OTHER	NC	NC	NC

NADG-8897

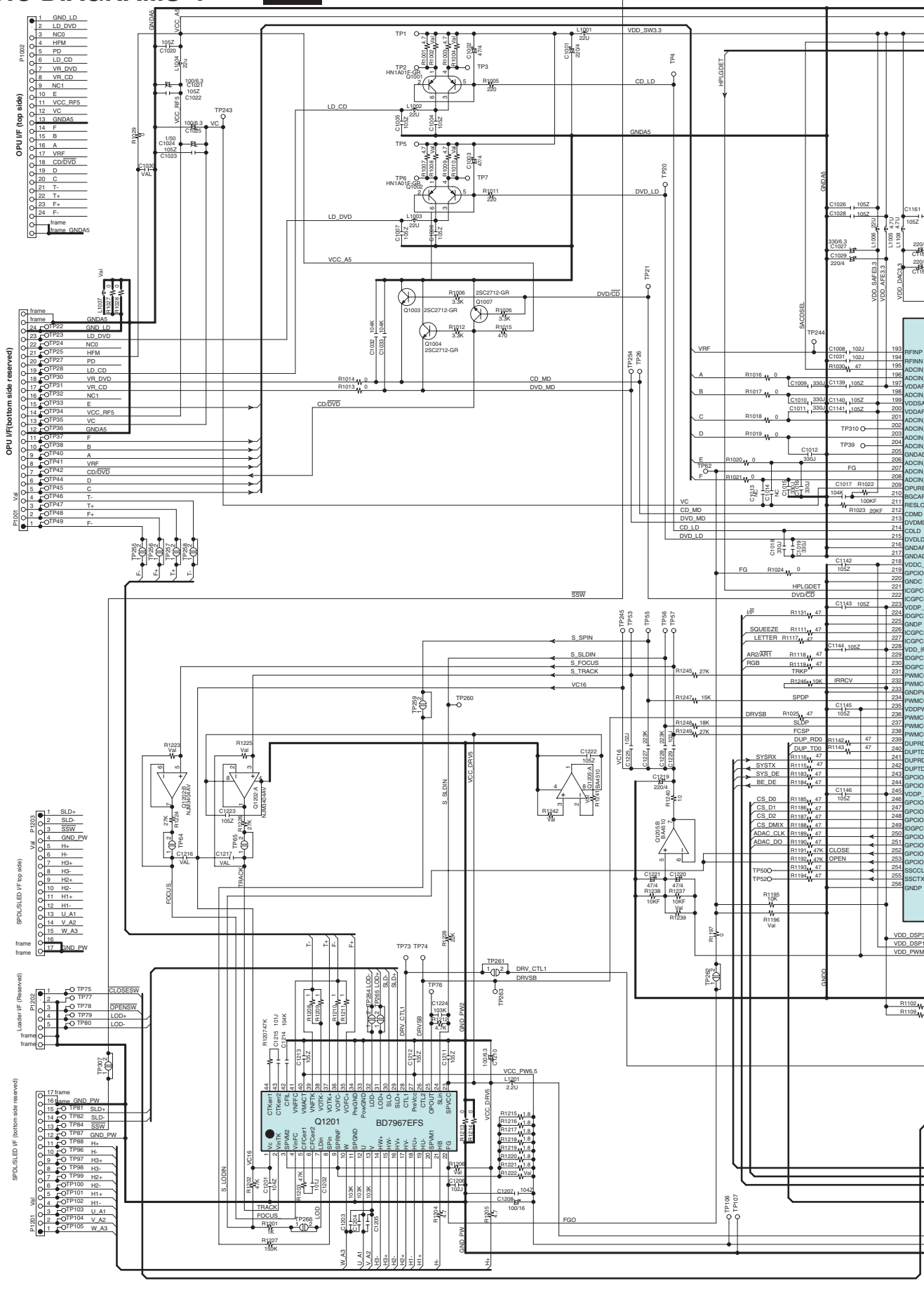
NADG-8899

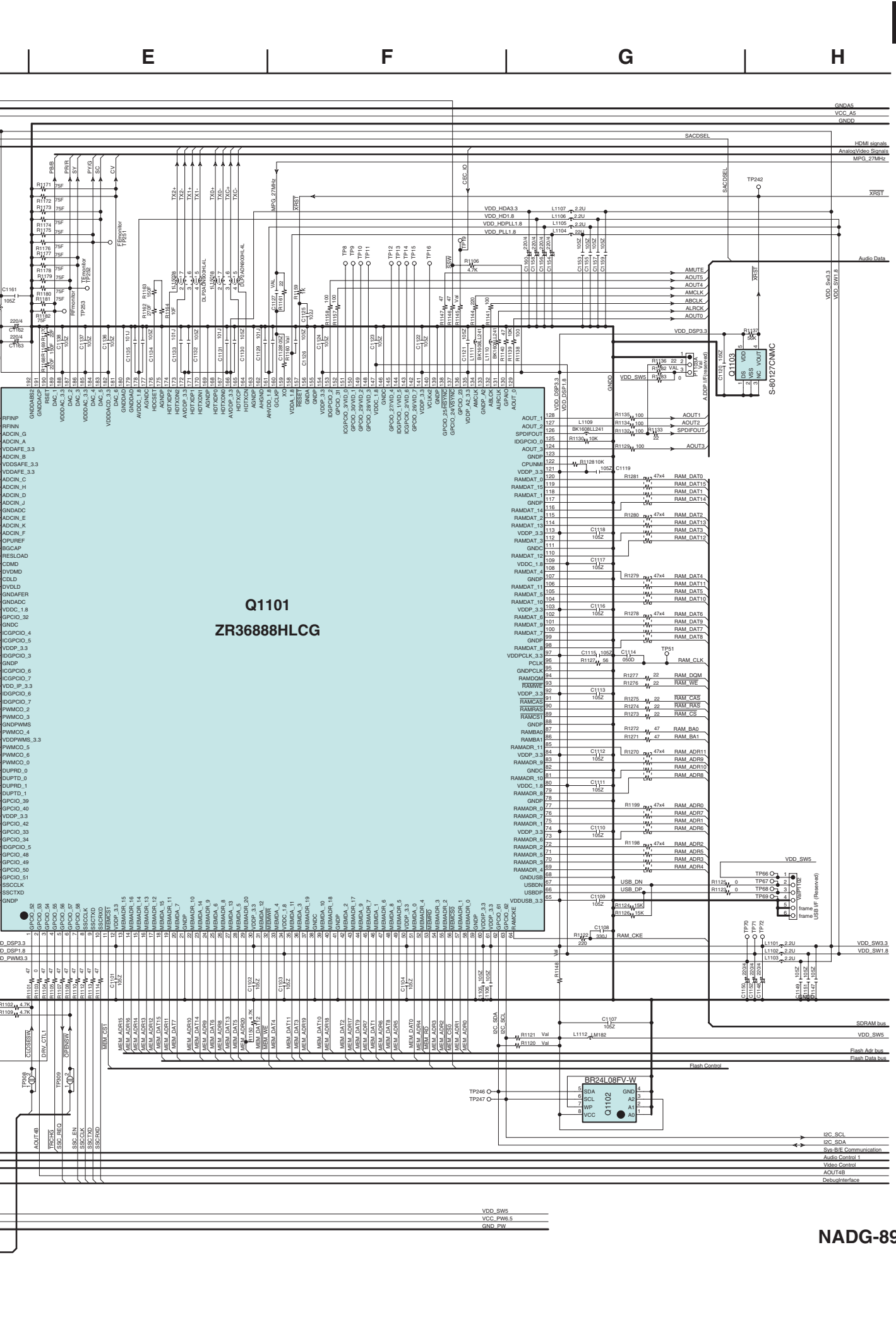


U05 : RS-232C TERMINAL PC BOARD

AAR-8894

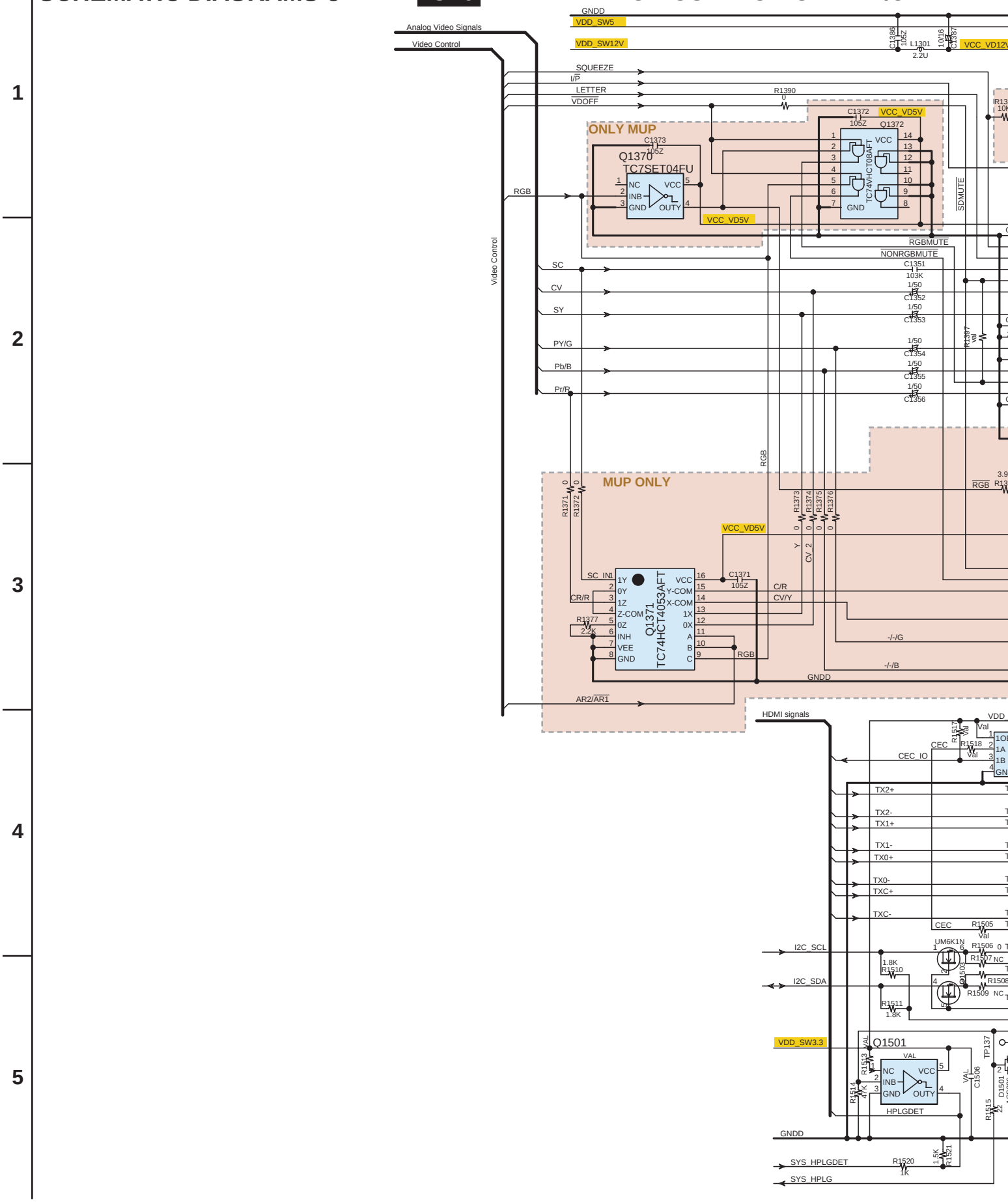
SCHEMATIC DIAGRAMS-4 U10 : DVD MAIN CIRCUIT PC BOARD-1/3



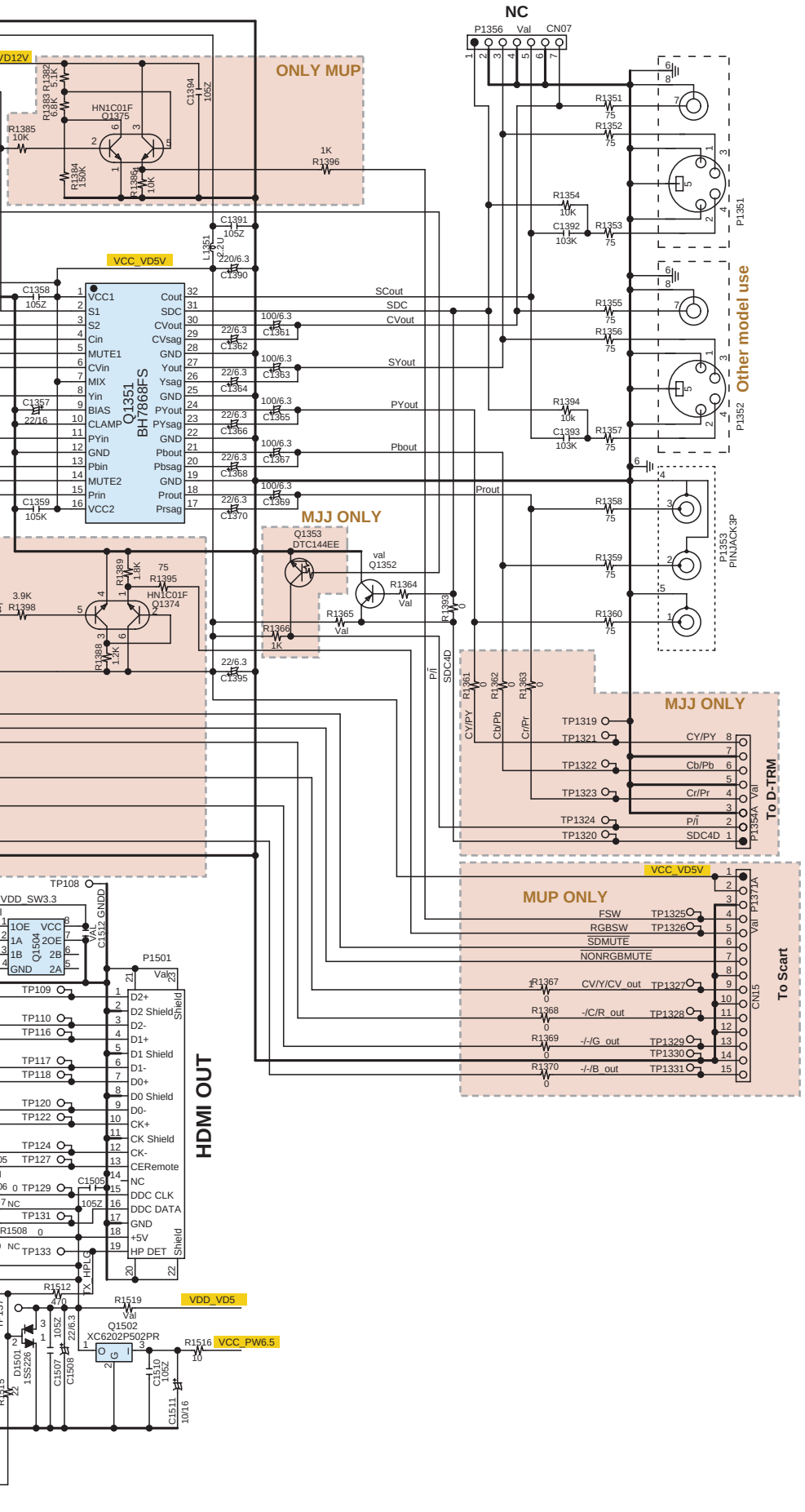

E
F
G
H
Q1101
ZR36888HLCG
Q1103
S-80127CNMC
Q1102
BR24L08FV-W
SDRAM bus
Flash Adr bus
Flash Data bus
Flash Control
I2C_SCL
I2C_SDA
Sys-B/E Communication
Audio Control 1
Video Control
AOUT4B
DebugInterface
HDMI signals
AnalogVideo Signals
Audio Data
VDD_SW5
VCC_PW6.5
GND_PW

NADG-8905

SCHEMATIC DIAGRAMS-5 U10 : DVD MAIN CIRCUIT PC BOARD-2/3

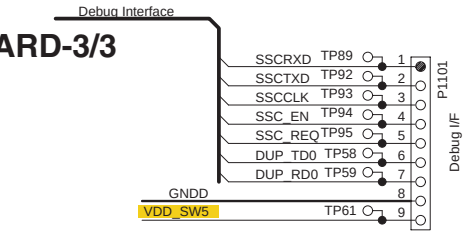


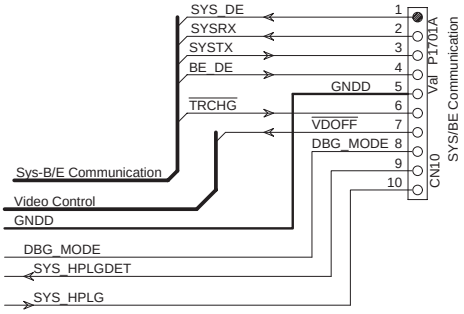
E F G H

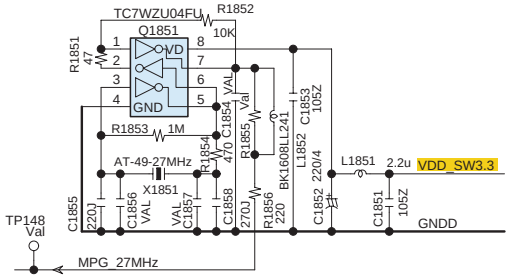

NC
P1356 Val CN07
ONLY MUP
VD12V
HN1C01F Q1375
R1385 10K
R1384 150K
R1386 10K
1K R1396
C1394 105Z
C1391 105Z
L1351 2.2U
C1390 220/6.3
VCC_VD5V
Q1351 BH7868FS
VCC1 S1 S2 Cin MUTE1 CVin MIX Yin BIAS CLAMP PYin GND Pbin MUTE2 Prin VCC2
Cout SDC CVout CVsag GND Yout Ysag GND PYout PYsag GND Pbout Pbsag GND Prout Prsag
SCout SDC CVout SYout PYout Pbout Prout
C1358 105Z
C1357 22/16
C1359 105K
100/6.3 C1361
22/6.3 C1362
100/6.3 C1363
22/6.3 C1364
100/6.3 C1365
22/6.3 C1366
100/6.3 C1367
22/6.3 C1368
100/6.3 C1369
22/6.3 C1370
MJJ ONLY
Q1353 DTC144EE
val Q1352
R1364 Val
R1365 Val
R1366 1K
R1389 18K
R1395 75
HN1C01F Q1374
3.9K R1398
R1388 1.2K
22/6.3 C1395
R1393 0
P/Ī SDC4D
R1361 0
R1362 0
R1363 0
CY/PY Cb/Pb Cr/Pr
MJJ ONLY
TP1319 TP1321 TP1322 TP1323 TP1324 TP1320
CY/PY Cb/Pb Cr/Pr P/Ī SDC4D
P1354A Val
To D-TRM
R1351 75
R1352 75
R1354 10K
C1392 103K
R1353 75
P1351
R1355 75
R1356 75
R1394 10k
C1393 103K
R1357 75
P1352
Other model use
R1358 75
R1359 75
R1360 75
P1353 PINJACK 3P
VCC_VD5V
MUP ONLY
FSW RGBSW SDMUTE NONRGBMUTE
TP1325 TP1326
R1367 0
R1368 0
R1369 0
R1370 0
CV/Y/CV_out -/C/R_out -/-/G_out -/-/B_out
TP1327 TP1328 TP1329 TP1330 TP1331
P1371A Val
CN15
To Scart
TP108
VDD_SW3.3
Q1504 1OE 1A 1B GND VCC 2OE 2B 2A
Val C1512 GNDD
P1501 Val
D2+ D2 Shield D2- D1+ D1 Shield D1- D0+ D0 Shield D0- CK+ CK Shield CK- CERemote NC DDC CLK DDC DATA GND +5V HP DET Shield
HDMI OUT
TP109 TP110 TP116 TP117 TP118 TP120 TP122 TP124 TP127 TP129 TP131 TP133
C1505 105Z
R1508 0
HPD TX
R1512 470
R1519 Val
VDD_VD5
Q1502 XC6202P502PR
R1516 10
VCC_PW6.5
D1501 1SS226
C1507 105Z
C1508 22/6.3
C1510 105Z
C1511 10/16

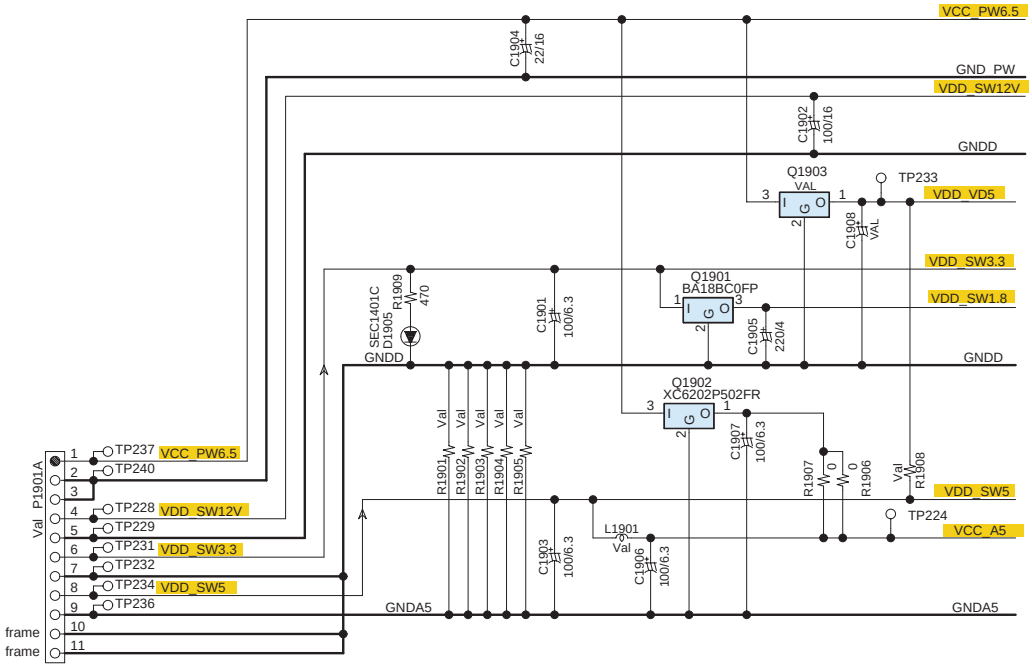
SCHEMATIC DIAGRAMS-6

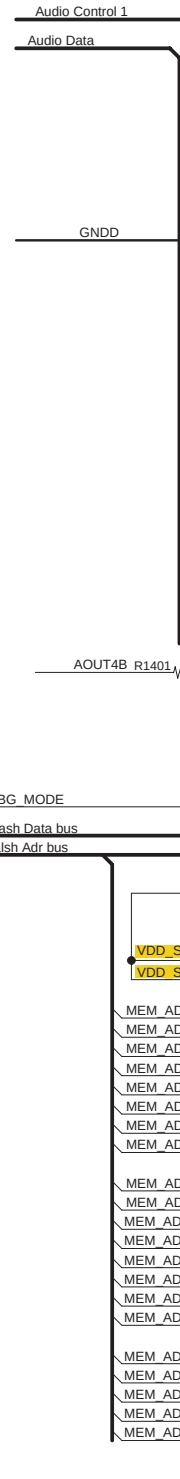
U10 : DVD MAIN CIRCUIT PC BOARD-3/3 NADG-8905



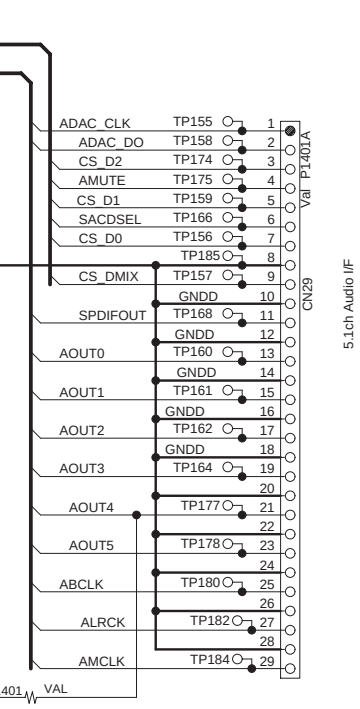


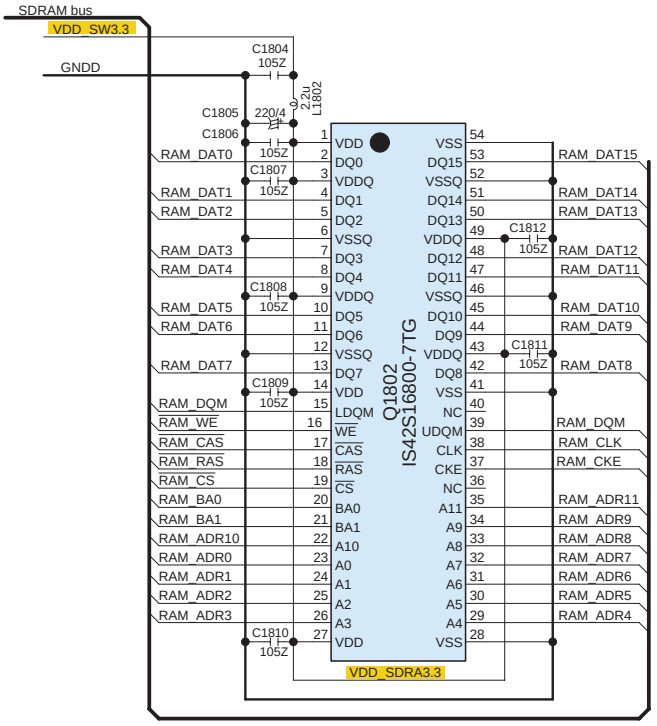


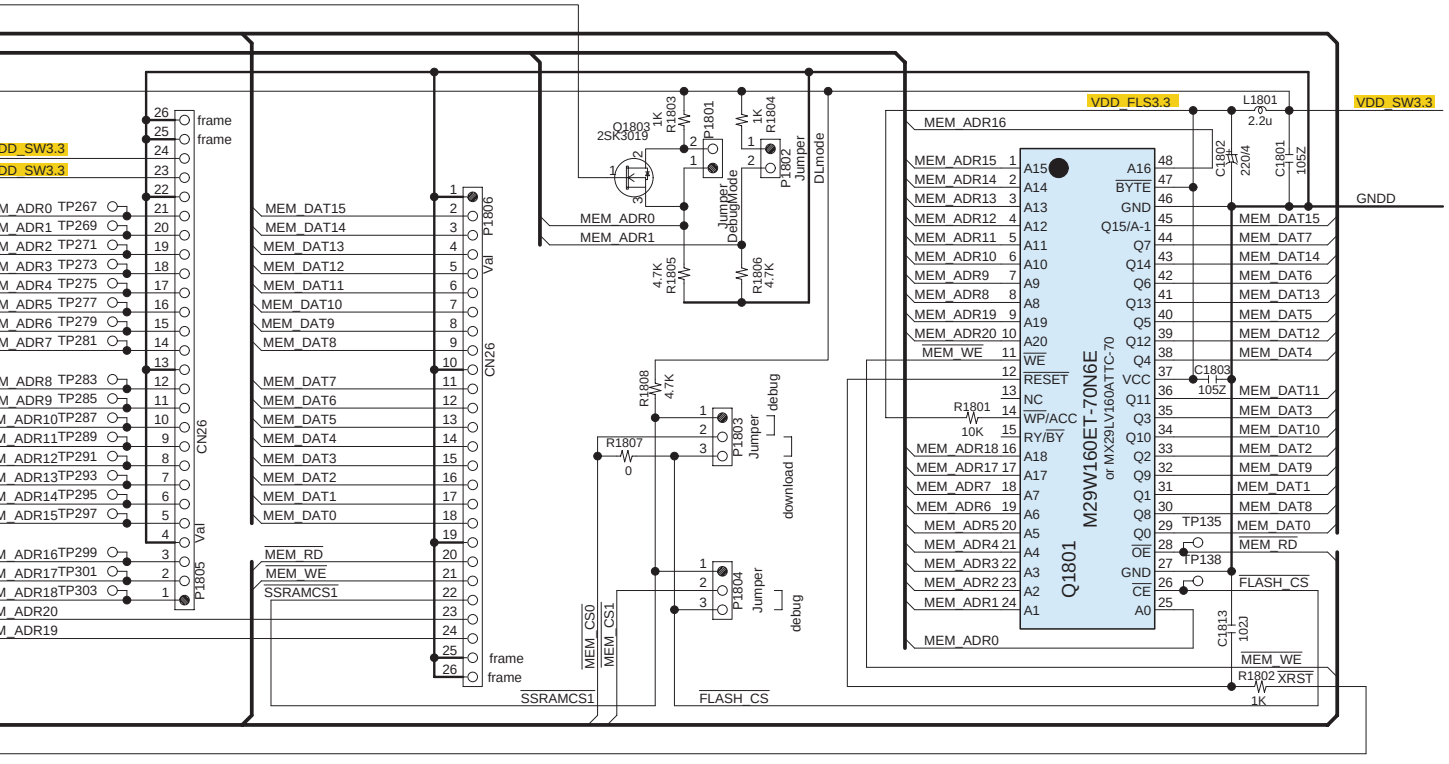




E F G H

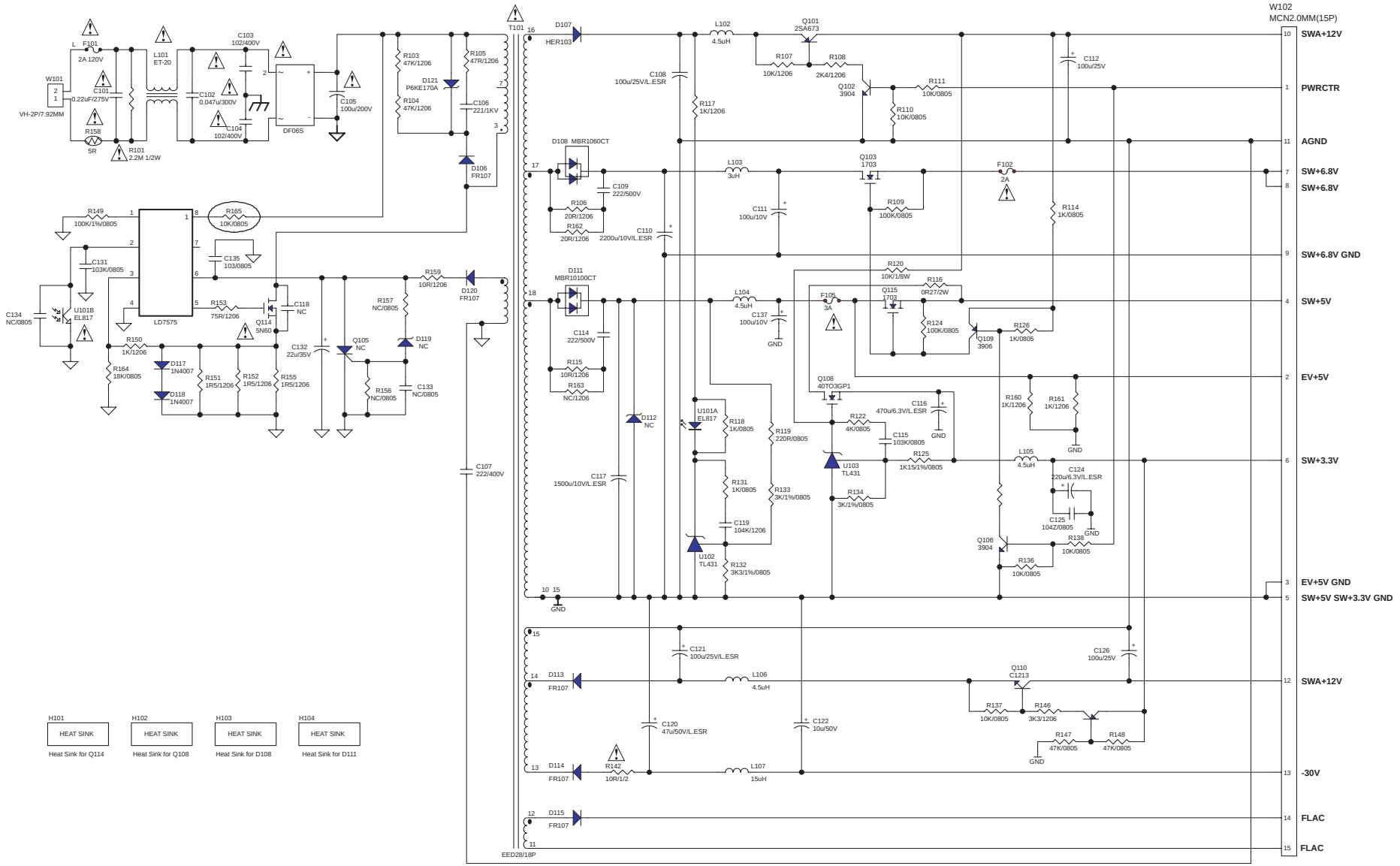

ADAC_CLK TP155 1
ADAC_DO TP158 2
CS_D2 TP174 3
AMUTE TP175 4
CS_D1 TP159 5
SACDSEL TP166 6
CS_D0 TP156 7
TP185 8
CS_DMIX TP157 9
GNDD 10
SPDIFOUT TP168 11
GNDD 12
AOUT0 TP160 13
GNDD 14
AOUT1 TP161 15
GNDD 16
AOUT2 TP162 17
GNDD 18
AOUT3 TP164 19
20
AOUT4 TP177 21
22
AOUT5 TP178 23
24
ABCLK TP180 25
26
ALRCK TP182 27
28
AMCLK TP184 29
Val P1401A
CN29
5.1ch Audio I/F
401 VAL


SDRAM bus
VDD_SW3.3
GNDD
C1804 105Z
C1805 220/4
C1806 105Z
C1807 105Z
C1808 105Z
C1809 105Z
C1810 105Z
L1802 2.2u
C1812 105Z
C1811 105Z
Q1802 IS42S16800-7TG
VDD DQ0 VDDQ DQ1 DQ2 VSSQ DQ3 DQ4 VDDQ DQ5 DQ6 VSSQ DQ7 VDD LDQM WE CAS RAS CS BA0 BA1 A10 A0 A1 A2 A3 VDD
VSS DQ15 VSSQ DQ14 DQ13 VDDQ DQ12 DQ11 VSSQ DQ10 DQ9 VDDQ DQ8 VSS NC UDQM CLK CKE NC A11 A9 A8 A7 A6 A5 A4 VSS
RAM_DAT0 RAM_DAT1 RAM_DAT2 RAM_DAT3 RAM_DAT4 RAM_DAT5 RAM_DAT6 RAM_DAT7 RAM_DQM RAM_WE RAM_CAS RAM_RAS RAM_CS RAM_BA0 RAM_BA1 RAM_ADR10 RAM_ADR0 RAM_ADR1 RAM_ADR2 RAM_ADR3
RAM_DAT15 RAM_DAT14 RAM_DAT13 RAM_DAT12 RAM_DAT11 RAM_DAT10 RAM_DAT9 RAM_DAT8 RAM_DQM RAM_CLK RAM_CKE RAM_ADR11 RAM_ADR9 RAM_ADR8 RAM_ADR7 RAM_ADR6 RAM_ADR5 RAM_ADR4
VDD_SDRA3.3


frame frame
DD_SW3.3 DD_SW3.3
M_ADR0 TP267 M_ADR1 TP269 M_ADR2 TP271 M_ADR3 TP273 M_ADR4 TP275 M_ADR5 TP277 M_ADR6 TP279 M_ADR7 TP281
M_ADR8 TP283 M_ADR9 TP285 M_ADR10 TP287 M_ADR11 TP289 M_ADR12 TP291 M_ADR13 TP293 M_ADR14 TP295 M_ADR15 TP297
M_ADR16 TP299 M_ADR17 TP301 M_ADR18 TP303 M_ADR20 M_ADR19
P1805 Val CN26
MEM_DAT15 MEM_DAT14 MEM_DAT13 MEM_DAT12 MEM_DAT11 MEM_DAT10 MEM_DAT9 MEM_DAT8 MEM_DAT7 MEM_DAT6 MEM_DAT5 MEM_DAT4 MEM_DAT3 MEM_DAT2 MEM_DAT1 MEM_DAT0
MEM_RD MEM_WE SSRAMCS1
P1806 Val CN26
frame frame
Q1803 2SK3019
R1803 1K
R1804 1K
P1801 Jumper DebugMode
P1802 Jumper DLmode
MEM_ADR0 MEM_ADR1
R1805 4.7K
R1806 4.7K
R1808 4.7K
R1807 0
P1803 Jumper debug download
P1804 Jumper debug
MEM_CS0 MEM_CS1
SSRAMCS1
FLASH_CS
VDD_FLS3.3
L1801 2.2u
VDD_SW3.3
GNDD
C1802 22U
C1801 105Z
C1803 105Z
C1813 102J
MEM_ADR16
MEM_ADR15 MEM_ADR14 MEM_ADR13 MEM_ADR12 MEM_ADR11 MEM_ADR10 MEM_ADR9 MEM_ADR8 MEM_ADR19 MEM_ADR20 MEM_WE
R1801 10K
MEM_ADR18 MEM_ADR17 MEM_ADR7 MEM_ADR6 MEM_ADR5 MEM_ADR4 MEM_ADR3 MEM_ADR2 MEM_ADR1
MEM_ADR0
Q1801 M29W160ET-70N6E or MX29LV160ATTC-70
A15 A14 A13 A12 A11 A10 A9 A8 A19 A20 WE RESET NC WP/ACC RY/BY A18 A17 A7 A6 A5 A4 A3 A2 A1
A16 BYTE GND Q15/A-1 Q7 Q14 Q6 Q13 Q5 Q12 Q4 VCC Q11 Q3 Q10 Q2 Q9 Q1 Q8 Q0 OE GND CE A0
MEM_DAT15 MEM_DAT7 MEM_DAT14 MEM_DAT6 MEM_DAT13 MEM_DAT5 MEM_DAT12 MEM_DAT4 MEM_DAT11 MEM_DAT3 MEM_DAT10 MEM_DAT2 MEM_DAT9 MEM_DAT1 MEM_DAT8 MEM_DAT0
TP135 P138
MEM_RD FLASH_CS
MEM_WE
R1802 1K XRST

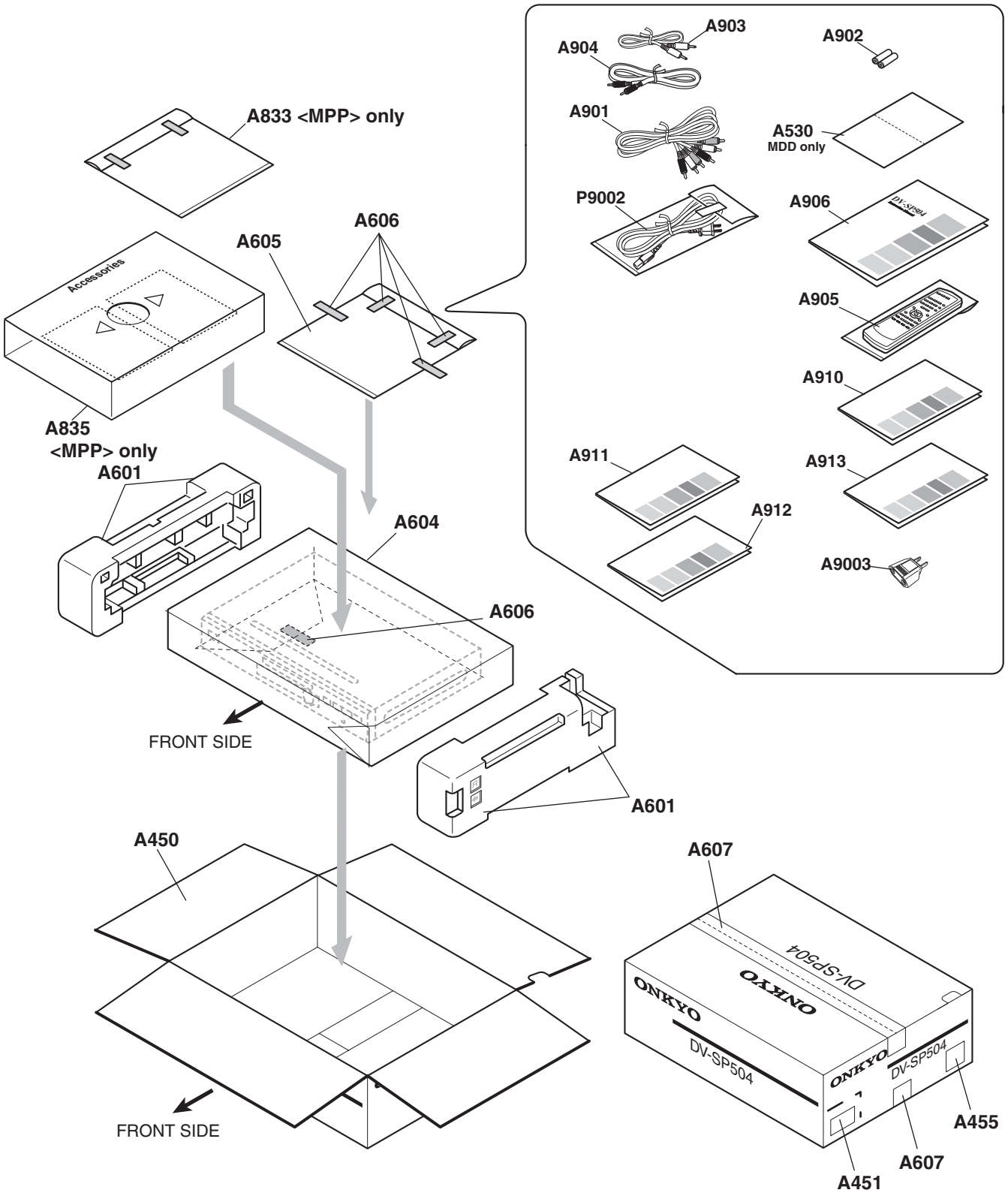
SCHEMATIC DIAGRAMS-7

U11 : Power supply unit NGPS-0074-100-120V



DV-SP504

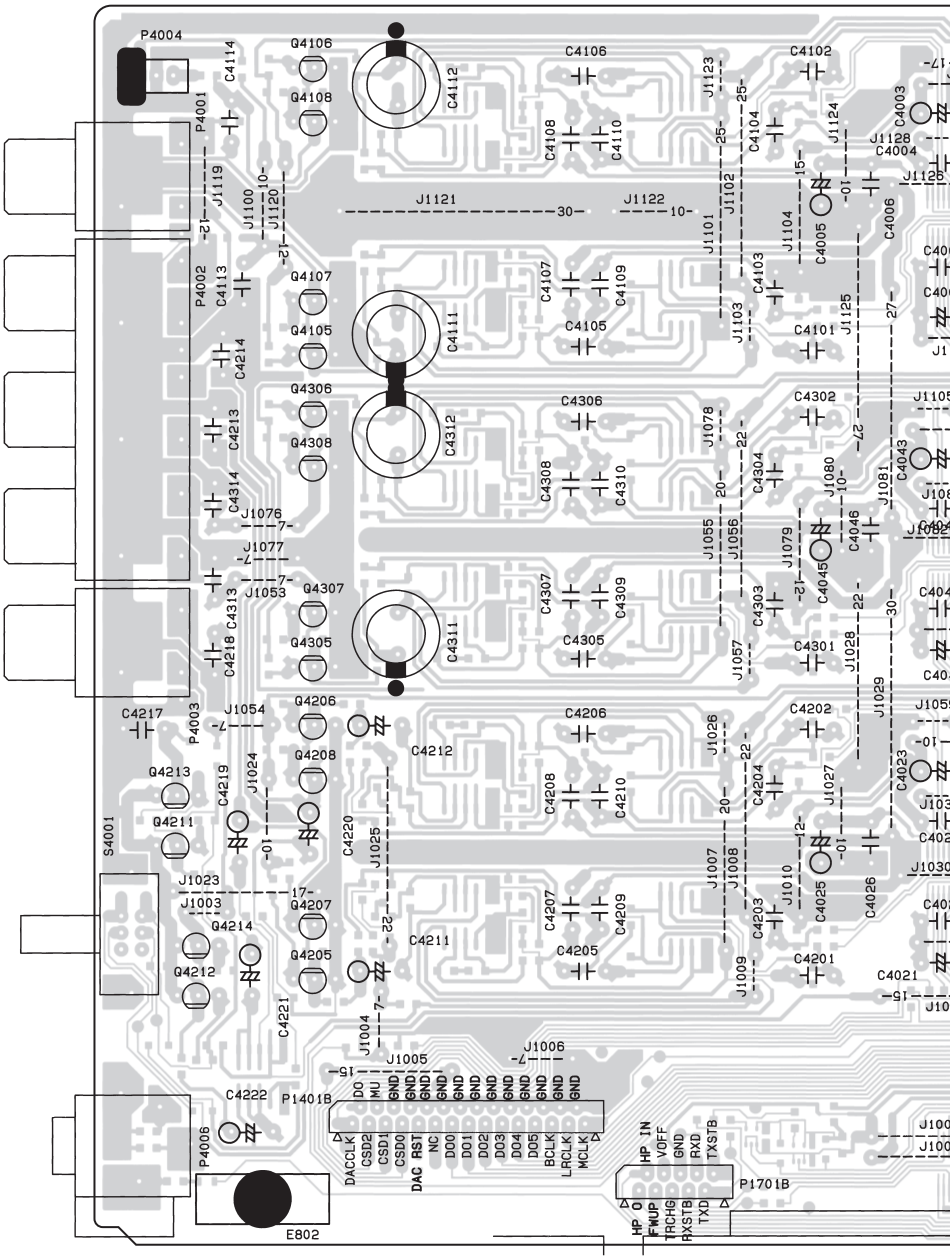
PACKING PROCEDURES



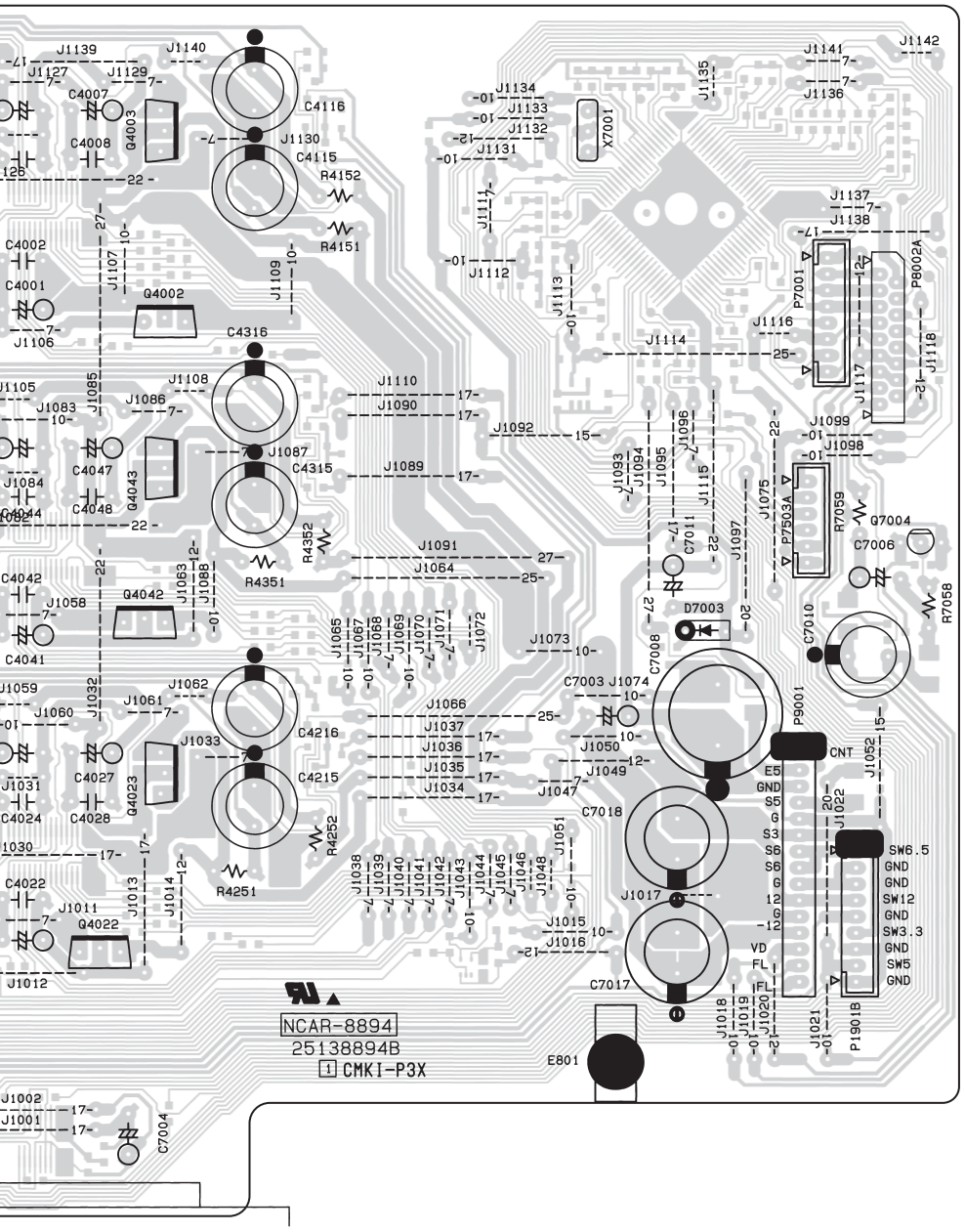
PRINTED CIRCUIT BOARD VIEWS-1

U01 Output terminal PC BOARD (NAAR-8894)

Component side



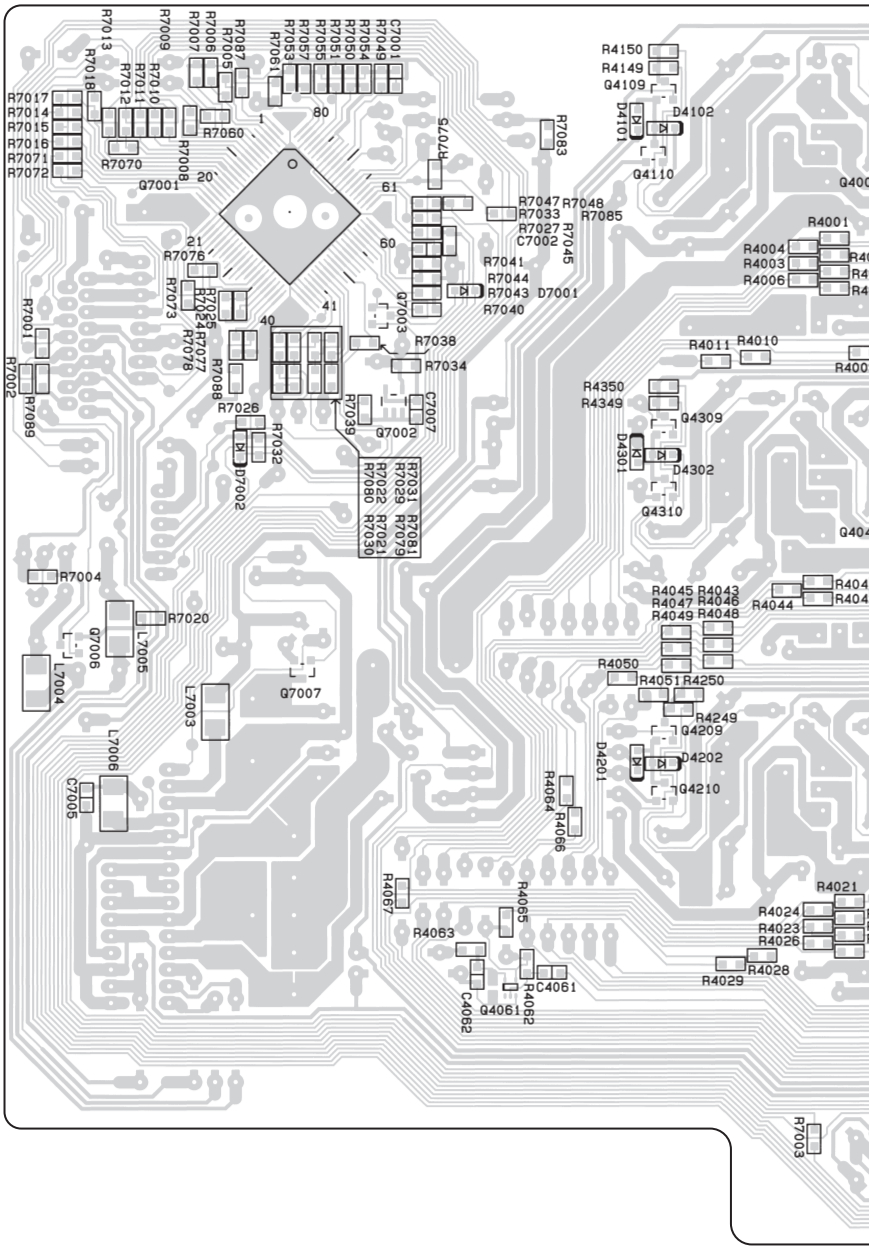
E F G H


NCAR-8894
25138894B
CMKI-P3X
E801
X7001
P7001
P8002A
P7503A
P9001
P1901B
CNT
SW6.5
SW12
SW3.3
SW5
GND
VD
FL
D7003
Q4002
Q4003
Q4042
Q4043
Q4022
Q4023
C4316
C4315
C4216
C4215
C4116
C4115
R4152
R4151
R4352
R4351
R4252
R4251
R7059
R7058
Q7004
C7006
C7010
C7018
C7017
C7004

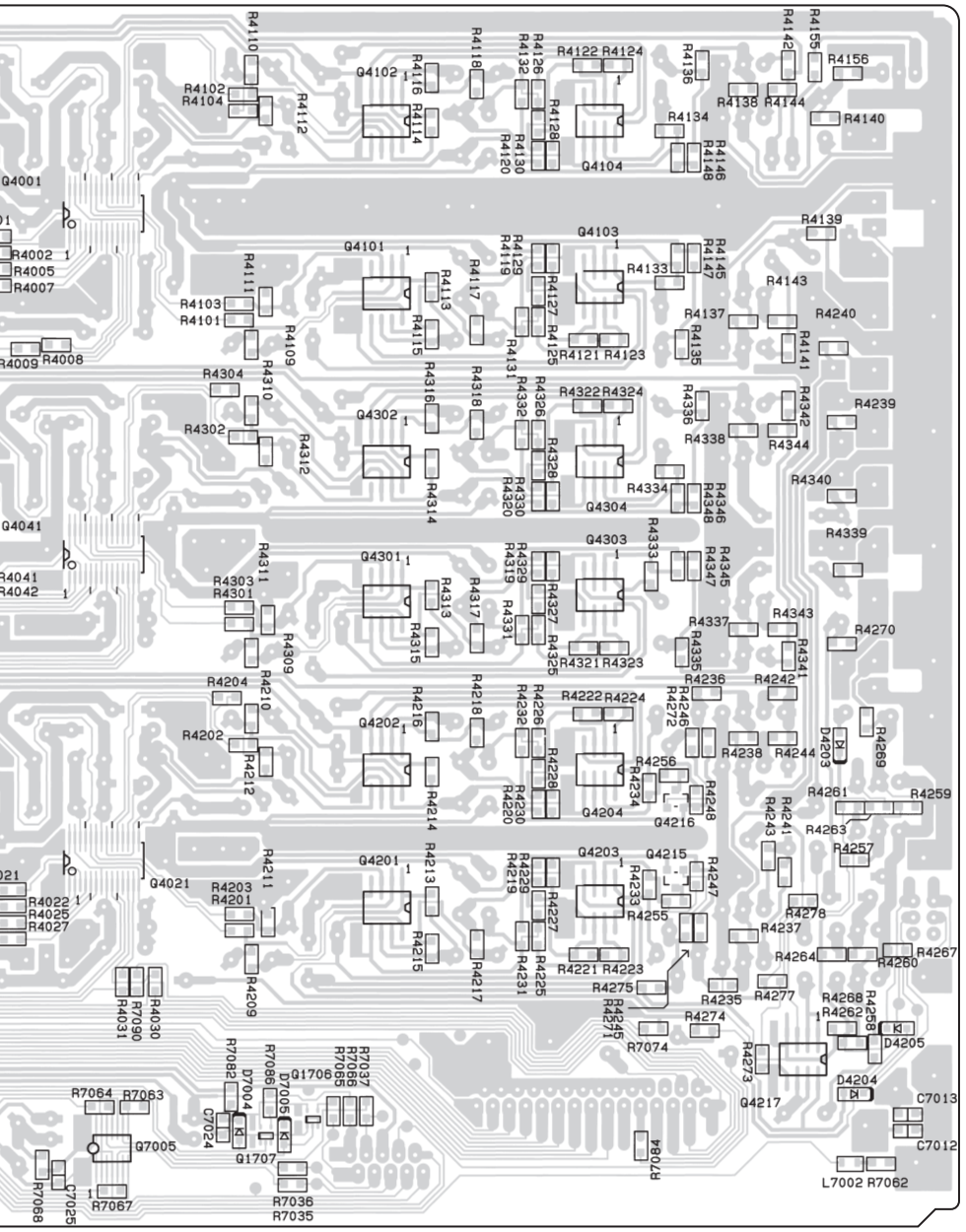
PRINTED CIRCUIT BOARD VIEWS-2

U01 Output terminal PC BOARD (NAAR-8894)

Soldering side



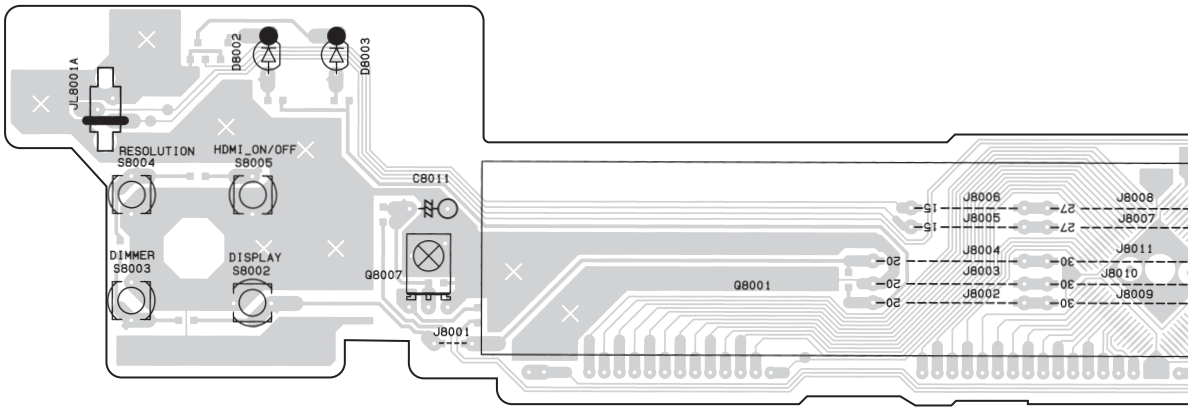
E F G H


R4110
R4102
R4104
R4112
Q4102
R4116
R4114
R4118
R4126
R4132
R4122
R4124
R4136
R4142
R4155
R4156
R4138
R4144
R4134
R4140
R4128
R4130
R4120
Q4104
R4146
R4148
Q4001
R4139
Q4103
Q4101
R4129
R4119
R4145
R4147
R4133
R4143
R4002
R4005
R4007
R4111
R4113
R4117
R4127
R4125
R4137
R4240
R4103
R4101
R4115
R4121
R4123
R4135
R4141
R4009
R4008
R4109
R4304
R4310
R4316
R4318
R4322
R4324
R4336
R4342
R4239
R4302
Q4302
R4312
R4332
R4326
R4328
R4338
R4344
R4314
R4330
R4320
R4334
R4346
R4348
Q4304
R4340
Q4041
R4333
R4339
Q4303
Q4301
R4329
R4319
R4345
R4347
R4041
R4042
R4303
R4301
R4311
R4313
R4317
R4327
R4325
R4337
R4343
R4270
R4315
R4331
R4321
R4323
R4335
R4341
R4309
R4204
R4210
R4218
R4222
R4224
R4236
R4242
R4202
Q4202
R4216
R4232
R4226
R4246
R4272
R4238
R4244
R4269
R4212
R4228
R4256
R4234
R4248
R4261
R4259
R4214
R4230
R4220
Q4204
Q4216
R4241
R4243
R4263
R4257
Q4021
Q4201
R4213
R4229
R4219
Q4203
Q4215
R4247
R4203
R4201
R4211
R4227
R4233
R4255
R4278
R4237
R4264
R4260
R4267
R4022
R4025
R4027
R4215
R4217
R4225
R4231
R4221
R4223
R4275
R4235
R4277
R4268
R4262
R4258
R4209
R4245
R4271
R4274
R7074
R4273
D4205
R7090
R4031
R4030
R7082
R7086
R7037
R7066
R7065
Q1706
D4204
R7064
R7063
D7004
D7005
C7013
Q4217
C7024
G7005
Q1707
C7012
R7084
L7002
R7062
R7068
C7025
R7067
R7036
R7035

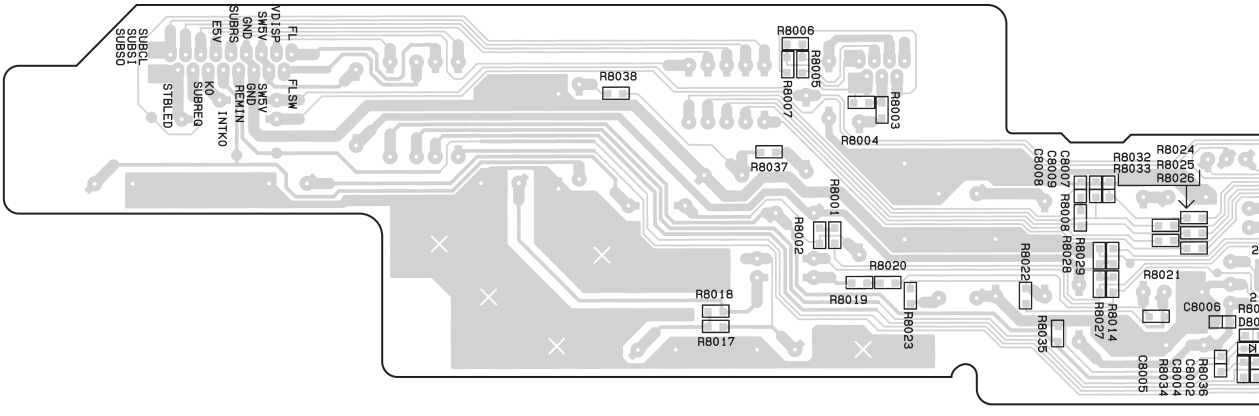
PRINTED CIRCUIT BOARD VIEWS-3

U02 Display circuit PC BOARD (NADIS-8895)

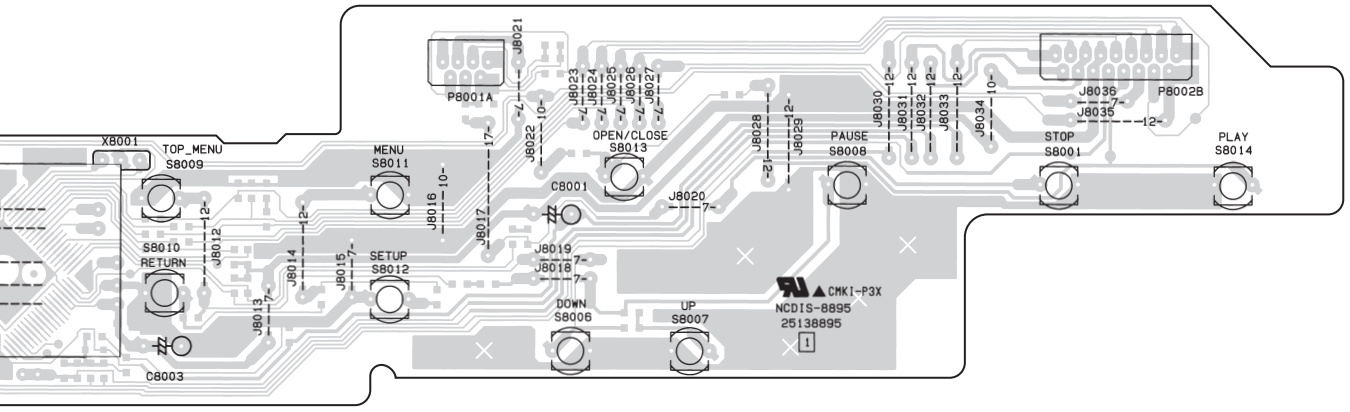
Component side

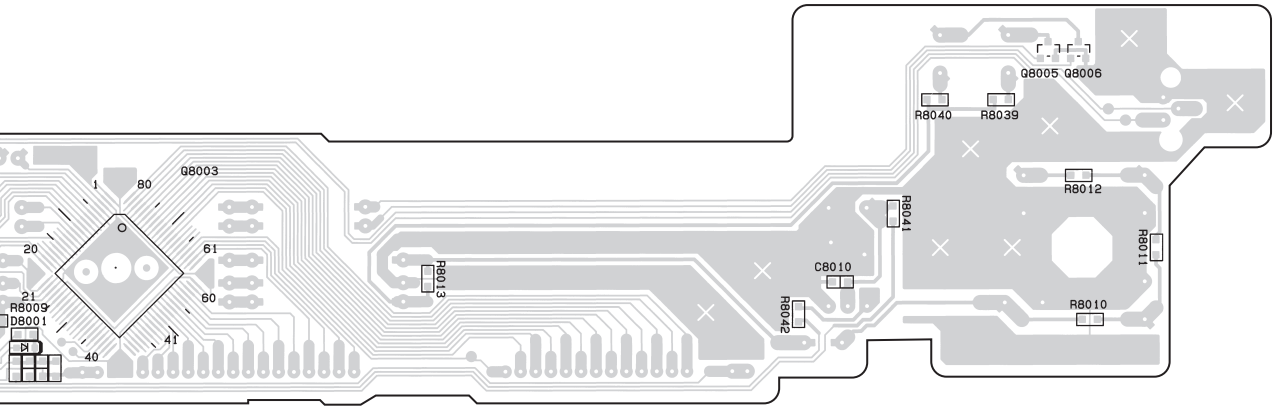


Soldering side



E F G H

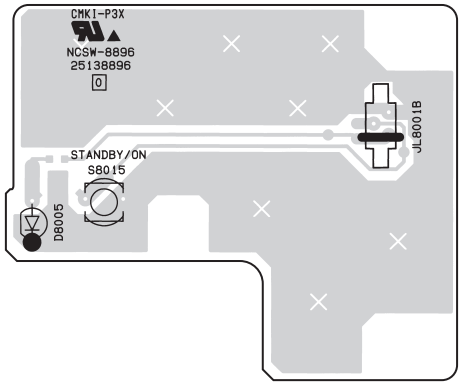

X8001
TOP_MENU
S8009
MENU
S8011
S8010
RETURN
SETUP
S8012
C8003
C8001
OPEN/CLOSE
S8013
DOWN
S8006
UP
S8007
PAUSE
S8008
STOP
S8001
PLAY
S8014
P8001A
P8002B
CMKI-P3X
NCDIS-8895
25138895


Q8003
Q8005 Q8006
R8040
R8039
R8012
R8041
R8011
C8010
R8013
R8042
R8010
R8009
D8001

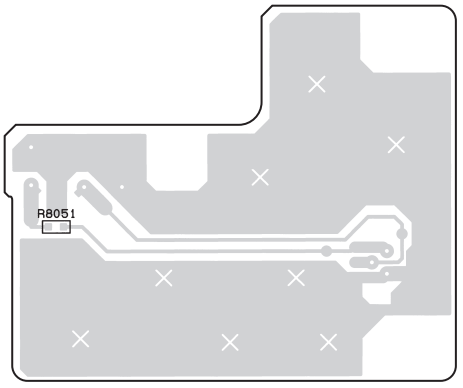
PRINTED CIRCUIT BOARD VIEWS-4

U03 Standby LED PC BOARD (NASW-8896)

Component side

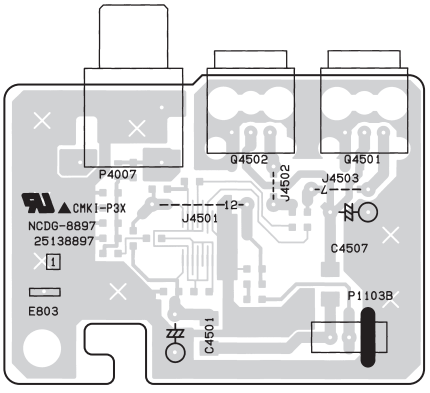


Soldering side

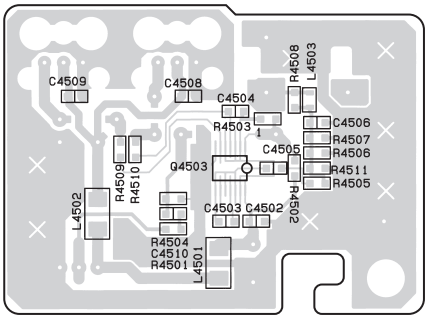


U04 Digital output terminal PC BOARD (NADG-8897)

Component side

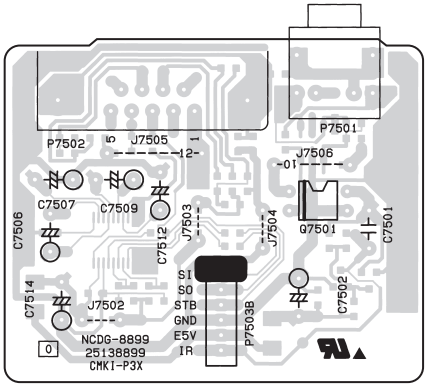


Soldering side

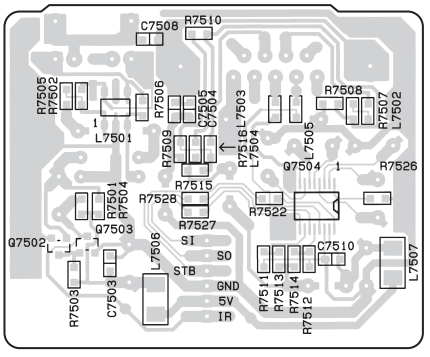


U05 RS-232C terminal PC BOARD (NADG-8899)

Component side



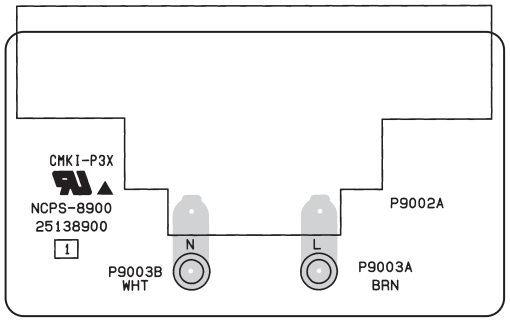
Soldering side



PRINTED CIRCUIT BOARD VIEWS-5

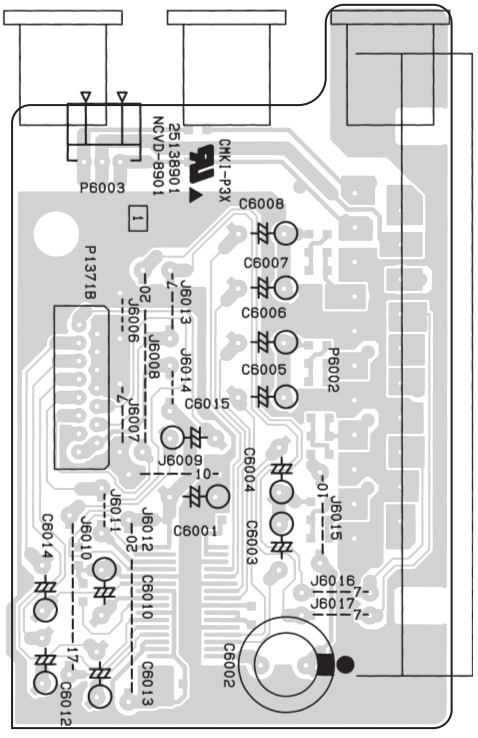
U06 Inlet terminal PC BOARD (NAPS-8900)

Component side

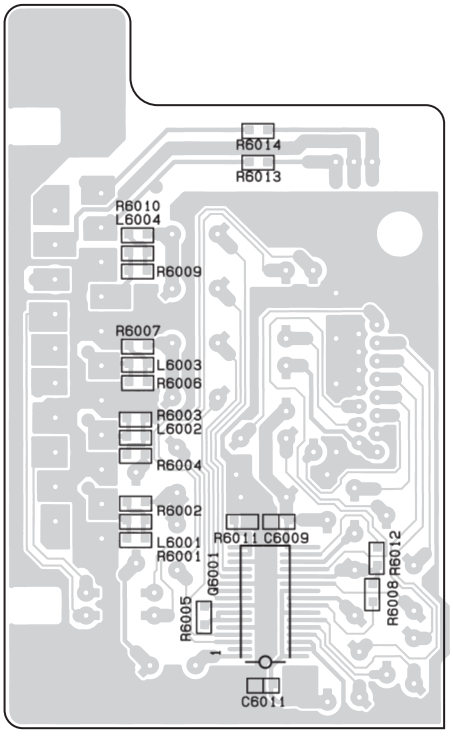


U07 AV Connector PC BOARD (NAVD-8901)

Component side



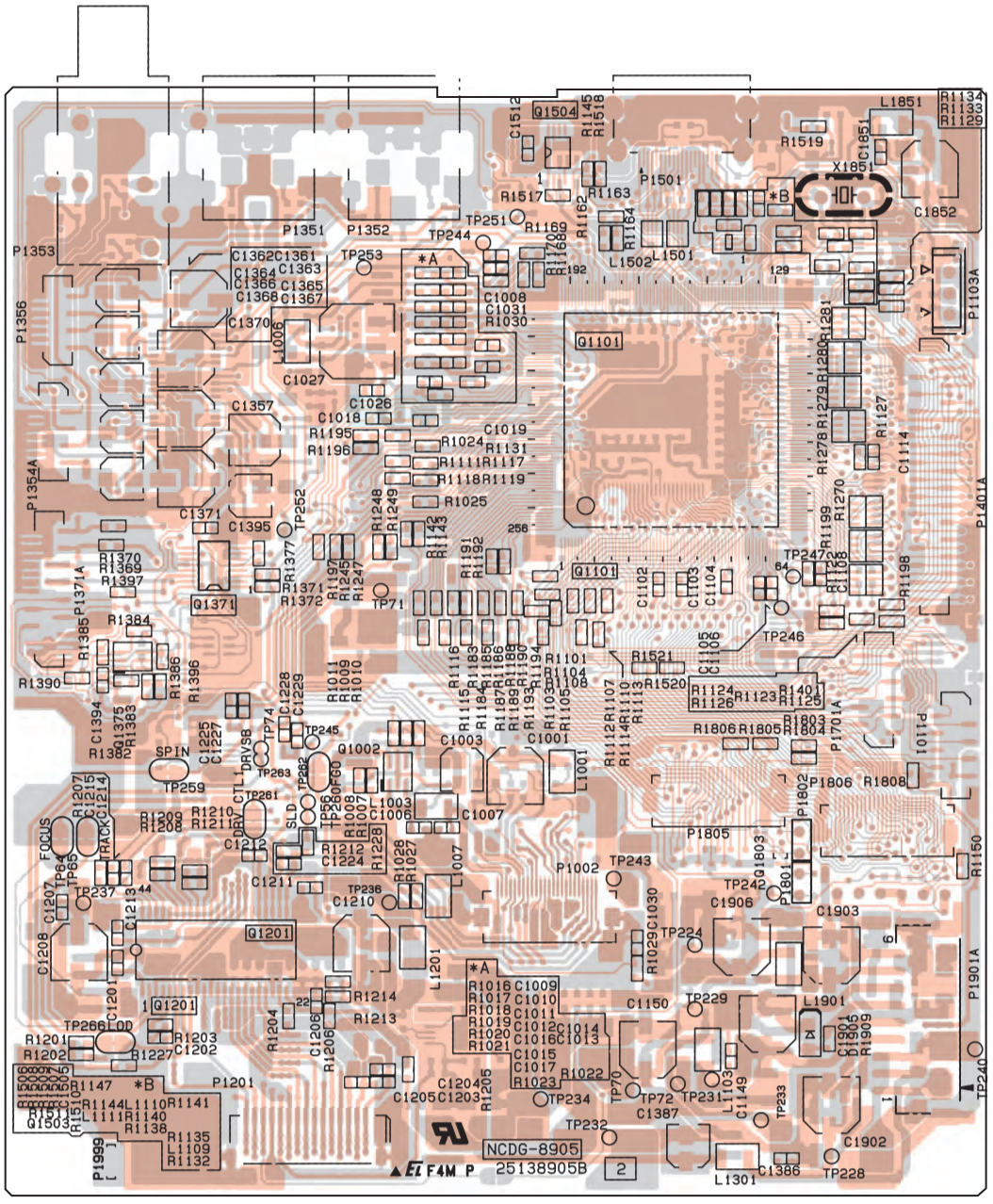
Soldering side



PRINTED CIRCUIT BOARD VIEWS-6

U10 DVD Main circuit PC BOARD (NADG-8905)

Side-A



TEST MODE/ CONFIRM FW

1. Confirm Region code

1-1. Press "**Dimmer**" key and "**Pause**" key at the same time.

1-2. Press "**Pause**" key. Display "Region Code " on the FL tube.

MDD1N : USA 1 NTSC	MUP2P : EURO 2 PAL
MJJ2N : JPN 2 NTSC	MUT3P : ASIA 3 PAL
MUK3N : ASIA 3 NTSC	MUA4P : AUS 4 PAL

2. Test Mode

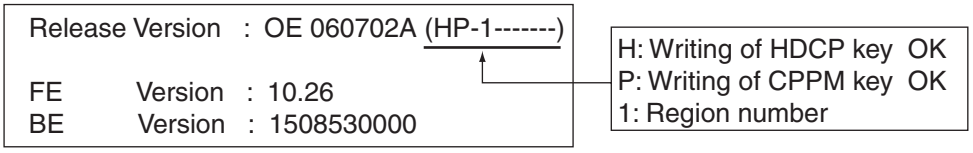
2-1. Press "**Stop**" key and "**Display**" key at the same time with NO DISC condition.

2-2. Display "SYS 06830A" on the FL tube.
(Version number of System MICIN)

2-3. Press "**Display**" key three (3) times.

2-3. Display "0E-060907A" on the FL tube.
(Version number of Back end MICIN)

TV MONITOR


Release Version : OE 060702A (HP-1-------)
FE Version : 10.26
BE Version : 1508530000
H: Writing of HDCP key OK
P: Writing of CPPM key OK
1: Region number

2-4. Press "**Display**" key two (2) times. Light up all segment of FL tube.

2-5. Press "**Standby**" bottom to exit the test mode.

3. Initializing

3-1. Press "**Stop**" key and "**Standby**" key at same time with No DISC condition.
Display "**INITIALIZE**" on the FL tube.

3-2. And display "COMPLETE" to "**STANDBY**".

SETTING FW

NOTE: This work does before TEST MODE
Prepared Special remote controller (RC-484M)

1. Setting firmware

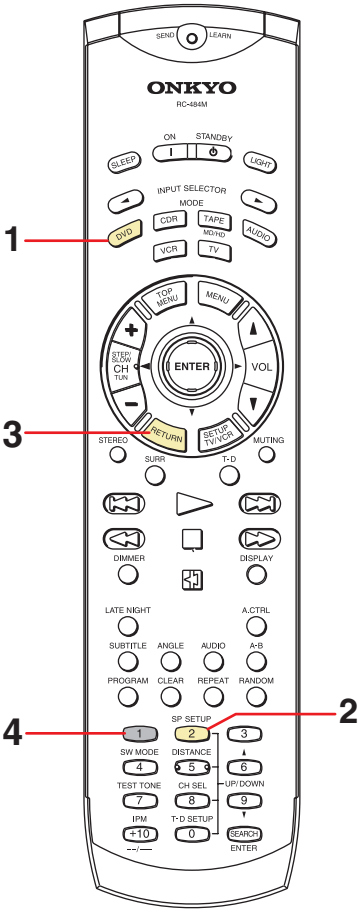
1-1. Turn on power switch and display "No Disc" on the FL tube.
1-2. Press "**DVD**" key and "**2**" key at the same time.
1-3. Press "**RETURN**" key.
Display "REGION MODE" on the FL tube.
1-4. Press figure key (Example: 1=U.S.A.) , and display "REGION01" on the FL tube.

MDD1N: "**1**" MUK3N: "**3**"
MUP2P: "**2**" MUA4P: "**4**"
MUT3P: "**3**"

2. How to FW rewite

2-1. The following FW file and file with about 40M (WAVW or MP3 etc) are written.
2-2. Write it Disc at Once.
2-3. DISC that has already been written is put on tray and close the tray.
2-4. Disc is loaded, display is "Firmware Upgrade Erase and program start cancel" on the TV monitor.
2-5. Select "Start" and press "ENTER" key. Starting upload.
2-6. When the tray opens, DISC is taken out.

NOTE: Do not pull out the AC cord.
Initialize it after changing of writing.



RC-484M
Part No. 24140484

NOTE: THE COMPONENTS IDENTIFIED BY MARK ! ARE
CRITICAL FOR RISK OF FIRE AND ELECTRIC SHO
REPLACE ONLY WITH PART NUMBER SPECIFIED.

<B>: Black color
<S>: Silver color
<G>: Golden color
MDD1N: North American area
MUA4P: Australian area
MUT3P: East Asian area
MUK3N: Korean area
MUP2P: European area

EXPLODED VIEW PARTS LIST

REF. NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS	
A001	CHASSIS	DV-SP504	27100480		1
A003	BOTTOM LEG	DV-SP504	27175433		4
A005	CUSHION	--	28141664		4
A007	SCREW	3TTB+8B(3CM)SR	801637		4
A008	IB CUSHION	W15*3t TAPE	28141585		2
A010	GUIDE	(MECHA)DV-SP504	27268183		1
A012	HOLDER	KGLS-12RT	27190266		10
A013	SCREW	3TTP+10P(3CM)	833130100GR		2
A014	SCREW	3P+10FN(3BC)	82143010GR		2
A015	CLAMP	HL-18-0	27301394		1
A017	SCREW	4TTC+8C(3BC)	830440089GR		1
A018	TAPE	TAPE(CLOTH-8U)	29110082		3
A019	IB CUSHION	W15*3t TAPE	28141585		2
A020	LABEL	(DVD3)	29364728		1
A022	TAPE	TAPE(CLOTH-8U)	29110082		1
A025	F BRACKET	(AS)	27111363A	**<B>**	1
A025	F BRACKET	(AS)	27111365A	**<G>**	1
A025	F BRACKET	(AS)(S)	27111414A	**<S>**	1
A028	CLEAR PLT	DV-SP502(B)	28192043	**<B>**	1
A028	CLEAR PLT	DV-SP502(G)	28192044	**<G> <S>**	1
A030	SCREW	3TTB+8B(3CM)SR	801637		10
A033	SCREW	2.6TTB+8B(3BC)	838426088GR		3
A034	CUSHION	--	28141606		2
A040	KNOB	(CRS)	28326244	**<B>**	1
A040	KNOB	(CRS)	28326245	**<G> <S>**	1
A051	DOOR	DV-SP504(B)	28148645	**<B>**	1
A051	DOOR	DV-SP504(G)	28148647	**<G>**	1
A051	DOOR	DV-SP504(S)	28148646	**<S>**	1
A055	COVER	(B)	28184864	**<B>**	1
A055	COVER	(G)	28184866	**<G>**	1
A055	COVER	503(S)	28184934	**<S>**	1
A056	SCREW	3TTB+8B(3BC)	838430088GR	**<B>**	6
A056	SCREW	3TTB+8B(3CM)	838130088GR	**<G>**	6
A056	SCREW	3TTB+8B(3CM)	838130088GR	**<S>**	6
A401	F PANEL	504(B)MDD	27212924	**<B> N**	1
A401	F PANEL	DV-SP504(B)MUA	27212944	**<B > MUA4P, N**	1
A401	F PANEL	504(N)MJJ	27212923	**<G> MUT3P MUK3N, N**	1
A401	F PANEL	504(S)MDD	27212928	**<S> MDD1N, N**	1
A401	F PANEL	DV-SP504(S)MUA	27212945	**<S> MUA4P, N**	1
A401	F PANEL	504E(B)	27212925	**<B> 504EMUP2P, N**	1
A401	F PANEL	504E(S)	27212926	**<S> 504EMUP2P, N**	1

A403	BADGE	BADGE	28135244	**<B>**	1
A403	BADGE	BADGE	28135245	**<G>**	1
A403	BADGE	--	28135298	**<S>**	1
A404	FACET	(S)	28198906		2
A406	SCREW	3TTB+8B(3BC)	838430088GR		3
A411	REAR PANEL	DVSP504MDD	27123576A	**<B> MDD1N, N**	1
A411	REAR PANEL	DVSP504MUA	27123577A	**<B> MUA4P, N**	1
A411	REAR PANEL	DVSP504MUA	27123577A	**<S> MUA4P, N**	1
A411	REAR PANEL	DVSP504MUT/UK	27123579A	**<G> MUT3P**	1
A411	REAR PANEL	DVSP504MUT/UK	27123579A	**<G> MUK3N, N**	1
A411	REAR PANEL	DVSP504MDD	27123576A	**<S> MDD1N, N**	1
A411	REAR PANEL	DVSP504EMUP	27123575A	**<B> 504EMUP2P, N**	1
A411	REAR PANEL	DVSP504EMUP	27123575A	**<S> 504EMUP2P, N**	1
A412	LABEL	(WEEE)	29364199	**504E**	1
A413	SCREW	3TTB+8B(3BC)	838430088GR	**MDD1N**	16
A413	SCREW	3TTB+8B(3BC)	838430088GR	**MUP2P**	17
A413	SCREW	3TTB+8B(3BC)	838430088GR	**MUA4P,MUT3P,**	15
A413	SCREW	3TTB+8B(3BC)	838430088GR	**MUK3N**	15
A414	GUIDE	(CD)DV-SP504	27268184	**<B>**	1
A414	GUIDE	(CD)DV-SP504(G)	27268187	**<G>**	1
A414	GUIDE	(CD)DV-SP504(S)	27268186	**<S>**	1
A415	TAPE	TAPE(CLOTH-8U)	29110082		1
A416	SCREW	4TTB+8C(3BC)	838440089GR		2
A417	CUSHION	UC-300279TKITAGAWA	28141705	**<MDD1N> only, N**	1
P901A	CORE	NFY-25 BLACK	230945		1
P910	WIRE TIE	BSK-1	260208		2
P911	WIRE TIE	BINDER(CLAMPER)U I	260258		1
Q1101A	HEAT SINK	HH-AA-D-P	27160598		1
S731	JOY STICK	NPS-115-S673	25035710		1
U01	Output terminal PC board assy	NAAR-8894-1A	1H539594-1A	**<MDD1N> N**	1
U01	Output terminal PC board assy	NAAR-8894-1B	1H539594-1B	**<MUA4P> N**	1
U01	Output terminal PC board assy	NAAR-8894-1D	1H539594-1D	**<MUT3P> N**	1
U01	Output terminal PC board assy	NAAR-8894-1E	1H539594-1E	**504E <MPP2P> N**	1
U01	Output terminal PC board assy	NAAR-8894-1J	1H539594-1J	**<MUK3N> N**	1
U02	Display circuit PC board assy	NADIS-8895-1A	1H539595-1A	**<MDD1N> N**	1
U02	Display circuit PC board assy	NADIS-8895-1B	1H539595-1B	**<MUA4P> N**	1
U02	Display circuit PC board assy	NADIS-8895-1D	1H539595-1D	**<MUT3P> N**	1
U02	Display circuit PC board assy	NADIS-8895-1E	1H539595-1E	**504E <MPP2P> N**	1
U02	Display circuit PC board assy	NADIS-8895-1J	1H539595-1J	**<MUK3N> N**	1
U03	Standby LED PC board assy	NASW-8896-1A	1H539596-1A	**<MDD1N> N**	1
U03	Standby LED PC board assy	NASW-8896-1B	1H539596-1B	**<MUA4P> N**	1
U03	Standby LED PC board assy	NASW-8896-1D	1H539596-1D	**<MUT3P> N**	1
U03	Standby LED PC board assy	NASW-8896-1E	1H539596-1E	**504E <MPP2P> N**	1
U03	Standby LED PC board assy	NASW-8896-1J	1H539596-1J	**<MUK3N> N**	1
U04	Digital output terminal PC board assy	NADG-8897-1A	1H539597-1A	**<MDD1N> N**	1
U04	Digital output terminal PC board assy	NADG-8897-1B	1H539597-1B	**<MUA4P> N**	1
U04	Digital output terminal PC board assy	NADG-8897-1D	1H539597-1D	**<MUT3P> N**	1
U04	Digital output terminal PC board assy	NADG-8897-1E	1H539597-1E	**504E <MPP2P> N**	1
U04	Digital output terminal PC board assy	NADG-8897-JA	1H539597-1J	**<MUK3N> N**	1
U05	RS-232C terminal PC board assy	NADG-8899-1A	1H539599-1A	**<MDD1N> only N**	1
U06	Inlet terminal PC board assy	NAPS-8900-1A	1H539500-1A	**<MDD1N> N**	1
U06	Inlet terminal PC board assy	NAPS-8900-1B	1H539500-1B	**<MUA4P> N**	1
U06	Inlet terminal PC board assy	NAPS-8900-1D	1H539500-1D	**<MUT3P> N**	1
U06	Inlet terminal PC board assy	NAPS-8900-1E	1H539500-1E	**504E <MPP2P> N**	1
U06	Inlet terminal PC board assy	NAPS-8900-1J	1H539500-1J	**<MUK3N> N**	1

U07	AV Connector PC board assy	NAVD-8901-1E	1H539501-1E	**504E <MPP2P> only N**	1
U10	DVD Main circuit PC board assy	NADG-8905-1A	1H539505-1A	**Except MPP2P, N**	1
U10	DVD Main circuit PC board assy	NADG-8905-1E	1H539505-1E	**MPP2P only, N**	1
U11	Power supply unit	NGPS-0074-100-120V	24150074A	**MDD1N**	1
U11	Power supply unit	NGPS-0075-100-240V	24150075	**<MUA4P> N**	1
U11	Power supply unit	NGPS-0075-100-240V	24150075	**<MUT3P> N**	1
U11	Power supply unit	NGPS-0075-100-240V	24150075	**<MUK3N> N**	1
U11	Power supply unit	NGPS-0075-100-240V	24150075	**504E <MPP2P> N**	1
Z101	DVD Mechanism assy	TD-505SF	24801031	**N**	1
Z102	HOLDER	(M)DV-SP504	27191277		2
Z103	SCREW	2TTB+8B(3CM)	838120088GR		2
Z104	SCREW	2.6TTB+8B(3BC)	838426088GR		4
Z105	SCREW	3TTB+8B(3BC)	838430088GR		4
Z106	IB CUSHION	W15*3t TAPE	28141585		1
Z108	WASHER	W3*8F(3CM)	87613008GR		4
Z109	DF TAPE	W3	29110029		4
F101	FUSE	2A-UL/T-233	252320GR	**! <MDD1N>**	1
F101	FUSE	2A-SE-EAK FUSE	252074GR	**! <MUA4P>**	1
F101	FUSE	2A-SE-EAK FUSE	252074GR	**! <MUT3P>**	1
F101	FUSE	2A-SE-EAK FUSE	252074GR	**! <MUK3N>**	1
F101	FUSE	2A-SE-EAK FUSE	252074GR	**! 504E <MPP2P>**	1
P1001	FFC	NCFCC-242512	204C242512A	**N**	1
P1371	FFC	NCFC5-151012	2045151012	**504E <MPP2P> only, N**	1
P1401	FFC	NCFC5-290522	2045290522		1
P1701	FFC	NCFC5-100512	2045100512		1
P1901	SOCKET AS	NSAS-18P1645	20044191815UL		1
P8002	FFC	NCFC5-171222	2045171222		1
F102	Fuse	MQ2A/125V	OP66	! Quick Acting Micro fuse	1
F105	Fuse	MQ3A/125V	OP67	! Quick Acting Micro fuse	1

PACKING VIEW PARTS LIST

DV-SP504

REF. NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS	
A450	CARTON	DV-SP504(B)	29054531A	**<B MDD1N> N**	1
A450	CARTON	DV-SP504(B)MUA	29054590A	**<B MUA4P> N**	1
A450	CARTON	DV-SP504(G)	29054533A	**<G MUT3P>,**	1
A450	CARTON	DV-SP504(G)	29054533A	**<G MUK3N>, N**	1
A450	CARTON	DV-SP504(S)	29054532A	**<S MDD> N**	1
A450	CARTON	DV-SP504(S)MUA	29054591A	**<S MUA4P> N**	1
A450	CARTON	DV-SP504E(B)	29054534A	**504E <B MUP2P>, N**	1
A450	CARTON	DV-SP504E(S)	29054535A	**504E <S MUP2P>, N**	1
A451	LABEL	(RE)MUT3P	29363448A	**MUT3P only**	2
A451	LABEL	MUK3N	29364489	**MUK3N only**	2
A455	UPC LABEL	DV-SP504(B)MDD	29364475	**<B MDD1N> N**	1
A455	EAN LABEL	DV-SP504(B)MUA	29364472	**<B MUA4P> N**	1
A455	EAN LABEL	DV-SP504(G)	29364474	**<G MUT3P> N**	1
A455	EAN LABEL	DV-SP504(G)	29364474	**<G MUK3N>, N**	1
A455	UPC LABEL	DV-SP504(S)MDD	29364476	**<S MDD1N> N**	1
A455	EAN LABEL	DV-SP504(S)MUA	29364473	**<S MUA4P> N**	1
A455	EAN LABEL	DV-SP504E(B)MUP	29364470	**504E <B MUP2P> N**	1
A455	EAN LABEL	DV-SP504E(S)MUP	29364471	**504E <S MUP2P> N**	1
A530	WRNTY CARD	(ONKYO)	29365102A	**MDD1N only**	1
A601	PAD	(AS)DV-SP504	29092321		1

A604	POLY BAG	650*500	29100037-1A	For unit	1
A605	POLY BAG	350*250	29100097-1A	For instruction manual	1
A606	TAPE	NITTO NO.29	29110149		1
A607	PP TAPE	W48 OPP TAPE	29110148		1
A833	POLY BAG	350*250	29100097-1A	**504E MPP2P only**	1
A834	TAPE	NITTO NO.29	29110149	**504E MPP2P only**	1
A835	PAD	TOP	29092108B	**504E MPP2P only**	1
A901	PIN CORD AS	RCA3P(YWR)	2010379		1
A902	BATTERY	R6/AA(UM-3)	3010194		2
A902 or	BATTERY	R6/AA(UM-3)	3010054		(2)
A903	PLUG CORD	3.5-MINI PLUG (RI)	2010200		1
A904	CORD AS	RCA-1P(O)	2010424		1
A905	REMO CON	RC-657DV	24140657	**N**	1
A906	INS MANUAL	U8(DVSP504)	29344325		1
A910	INS MANUAL	En(DV-SP504)	29344210	**N**	1
A911	INS MANUAL	Ct(DV-SP504)	29344213	**<MUT3P> N**	1
A911	INS MANUAL	U2FrEs(DV-SP504)	29344211	**504E <MPP2P> N**	1
A912	INS MANUAL	U2ItDe(DVSP504)	29344354	**504E <MPP2P> N**	1
A913	INS MANUAL	U2NlSv(DVSP504)	29344355	**504E <MPP2P> N**	1
P9002	AC CORD	AS-UC-2	253352TES	**! <MDD1N>**	1
P9002 or	AC CORD	AS-UC-2	253297KAW	**! <MDD1N>**	(1)
P9002	AC CORD	AS-SAA	253391VOL	**! <MUA4P>**	1
P9002	AC CORD	AS-CEE-3	253298KAW	**! <MUT3P>**	1
P9002	AC CORD	AS-CEE-3	253298KAW	**! <MUK3N>**	1
P9002	AC CORD	AS-CEE-3	253298KAW	**! 504E <MPP2P>**	1
P9003	CV PLUG	CV-K-1	25056005	**! <MUT3P>**	1

PRINTED CIRCUIT BOARD PARTS LIST

DV-SP504

U01	**Output terminal PC board assy**	**NAAK-8894-1A**	**<MDD1N> N**
U01	**Output terminal PC board assy**	**NAAK-8894-1B**	**<MUA4P> N**
U01	**Output terminal PC board assy**	**NAAK-8894-1D**	**<MUT3P> N**
U01	**Output terminal PC board assy**	**NAAK-8894-1E**	**504E <MPP2P> N**
U01	**Output terminal PC board assy**	**NAAK-8894-11**	**<MUK3N> N**
U02	**Display circuit PC board assy**	**NADIS-8895-1A**	**<MDD1N> N**
U02	**Display circuit PC board assy**	**NADIS-8895-1B**	**<MUA4P> N**
U02	**Display circuit PC board assy**	**NADIS-8895-1D**	**<MUT3P> N**
U02	**Display circuit PC board assy**	**NADIS-8895-1E**	**504E <MPP2P> N**
U02	**Display circuit PC board assy**	**NADIS-8895-11**	**<MUK3N> N**
U03	**Standby LED PC board assy**	**NASW-8896-1A**	**<MDD1N> N**
U03	**Standby LED PC board assy**	**NASW-8896-1B**	**<MUA4P> N**
U03	**Standby LED PC board assy**	**NASW-8896-1D**	**<MUT3P> N**
U03	**Standby LED PC board assy**	**NASW-8896-1E**	**504E <MPP2P> N**
U03	**Standby LED PC board assy**	**NASW-8896-11**	**<MUK3N> N**
U04	**Digital output terminal PC board assy**	**NADG-8897-1A**	**<MDD1N> N**
U04	**Digital output terminal PC board assy**	**NADG-8897-1B**	**<MUA4P> N**
U04	**Digital output terminal PC board assy**	**NADG-8897-1D**	**<MUT3P> N**
U04	**Digital output terminal PC board assy**	**NADG-8897-1E**	**504E <MPP2P> N**
U04	**Digital output terminal PC board assy**	**NADG-8897-1A**	**<MUK3N> N**
U05	**RS-232C terminal PC board assy**	**NADG-8899-1A**	**<MDD1N> only N**
U06	**Inlet terminal PC board assy**	**NAPS-8900-1A**	**<MDD1N> N**
U06	**Inlet terminal PC board assy**	**NAPS-8900-1B**	**<MUA4P> N**
U06	**Inlet terminal PC board assy**	**NAPS-8900-1D**	**<MUT3P> N**

	CIRCUIT NO.	PART NAME	DESCRIPTION	PART NO.	REMARKS	Q'ty
AR8894	C4001	VX C	CE04W10V-220M(VX, BLK)	397332217		1
AR8894	C4002	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4003	RFS C	CE04W25V-47M(RFS)	395954707		1
AR8894	C4004	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4005	VX C	CE04W50V-100M(VX, BLK)	397381017		1
AR8894	C4006	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4007	VX C	CE04W50V-4.7M(VX, BLK)	397380477		1
AR8894	C4021	VX C	CE04W10V-220M(VX, BLK)	397332217		1
AR8894	C4022	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4023	VX C	CE04W6.3V-470M(VX, BLK)	397324717		1
AR8894	C4024	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4025	VX C	CE04W50V-100M(VX, BLK)	397381017		1
AR8894	C4026	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4027	VX C	CE04W50V-4.7M(VX, BLK)	397380477		1
AR8894	C4041	VX C	CE04W10V-220M(VX, BLK)	397332217		1
AR8894	C4042	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4043	VX C	CE04W6.3V-470M(VX, BLK)	397324717		1
AR8894	C4044	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4045	VX C	CE04W50V-100M(VX, BLK)	397381017		1
AR8894	C4046	TF C	ECQ-V50V-104J	374721044		1
AR8894	C4047	VX C	CE04W50V-4.7M(VX, BLK)	397380477		1
AR8894	C4061	C-CERA C	CK725B1H-103K1	332101035R1		1
AR8894	C4062	C-CERA C	CK725F1H-104Z1	332151040R1		1
AR8894	C4101	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4102	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4103	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4104	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4107	TF C	ECQ-B50V-152J	374721524		1
AR8894	C4108	TF C	ECQ-B50V-152J	374721524		1
AR8894	C4109	TF C	ECQ-B50V-561J	374725614		1
AR8894	C4110	TF C	ECQ-B50V-561J	374725614		1
AR8894	C4111	RFS C	CE04W50V-47M(RFS)	395984707		1
AR8894	C4112	RFS C	CE04W50V-47M(RFS)	395984707		1
AR8894	C4115	VX C	CE04W16V-470M(VX, BLK)	397344717		1
AR8894	C4116	VX C	CE04W16V-470M(VX, BLK)	397344717		1
AR8894	C4201	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4202	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4203	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4204	TF C	ECQ-B50V-331K	374723315		1
AR8894	C4207	TF C	ECQ-B50V-152J	374721524		1
AR8894	C4208	TF C	ECQ-B50V-152J	374721524		1
AR8894	C4209	TF C	ECQ-B50V-561J	374725614		1
AR8894	C4210	TF C	ECQ-B50V-561J	374725614		1
AR8894	C4211	VX C	CE04W25V-47M(VX, BLK)	397354707		1
AR8894	C4212	VX C	CE04W25V-47M(VX, BLK)	397354707		1
AR8894	C4215	VX C	CE04W16V-470M(VX, BLK)	397344717		1
AR8894	C4216	VX C	CE04W16V-470M(VX, BLK)	397344717		1
AR8894	C4219	VX C	CE04W25V-47M(VX, BLK)	397354707		1
AR8894	C4220	VX C	CE04W25V-47M(VX, BLK)	397354707		1
AR8894	C4221	VX C	CE04W25V-47M(VX, BLK)	397354707		1

AR8894	C4222	VX C	CE04W25V-47M(VX_BLK)	397354707	1
AR8894	C4301	TF C	ECQ-B50V-331K	374723315	1
AR8894	C4302	TF C	ECQ-B50V-331K	374723315	1
AR8894	C4303	TF C	ECQ-B50V-331K	374723315	1
AR8894	C4304	TF C	ECQ-B50V-331K	374723315	1
AR8894	C4307	TF C	ECQ-B50V-152J	374721524	1
AR8894	C4308	TF C	ECQ-B50V-152J	374721524	1
AR8894	C4309	TF C	ECQ-B50V-561J	374725614	1
AR8894	C4310	TF C	ECQ-B50V-561J	374725614	1
AR8894	C4311	VX C	CE04W25V-47M(VX_BLK)	397354707	1
AR8894	C4312	VX C	CE04W25V-47M(VX_BLK)	397354707	1
AR8894	C4315	VX C	CE04W16V-470M(VX_BLK)	397344717	1
AR8894	C4316	VX C	CE04W16V-470M(VX_BLK)	397344717	1
AR8894	C4501	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C4502	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C4505	C-CERA C	CK725B1C-104K1	332121045R1	1
AR8894	C4506	C-CERA C	CC725CH1H-220J1	342102204R1	1
AR8894	C4507	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C4508	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C4510	C-CERA C	CK725B1C-104K1	332121045R1	1
AR8894	C6001	VX C	CE04W50V-22M(VX_BLK)	397382207	**MPP2P only** 1
AR8894	C6002	VX C	CE04W6.3V-1000M(VX_BLK)	397321027	**MPP2P only, N** 1
AR8894	C6003	VX C	CE04W6.3V-100M(VX_BLK)	397321017	**MPP2P only** 1
AR8894	C6004	VX C	CE04W50V-22M(VX_BLK)	397382207	**MPP2P only** 1
AR8894	C6005	VX C	CE04W6.3V-100M(VX_BLK)	397321017	**MPP2P only** 1
AR8894	C6006	VX C	CE04W50V-22M(VX_BLK)	397382207	**MPP2P only** 1
AR8894	C6007	VX C	CE04W6.3V-100M(VX_BLK)	397321017	**MPP2P only** 1
AR8894	C6008	VX C	CE04W50V-22M(VX_BLK)	397382207	**MPP2P only** 1
AR8894	C6009	C-CERA C	CK725F1A-105Z1	332181050R1	**MPP2P only** 1
AR8894	C6010	VX C	CE04W50V-22M(VX_BLK)	397382207	**MPP2P only** 1
AR8894	C6011	C-CERA C	CK725F1A-105Z1	332181050R1	**MPP2P only** 1
AR8894	C6012	VX C	CE04W50V-1M(VX_BLK)	397380107	**MPP2P only, N** 1
AR8894	C6013	VX C	CE04W50V-1M(VX_BLK)	397380107	**MPP2P only, N** 1
AR8894	C6014	VX C	CE04W50V-1M(VX_BLK)	397380107	**MPP2P only, N** 1
AR8894	C6015	VX C	CE04W50V-1M(VX_BLK)	397380107	**MPP2P only, N** 1
AR8894	C7001	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7002	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7003	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C7004	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C7005	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7006	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C7007	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7008	VR C	CE04W16V-4700M(VR)	394644727S	1
AR8894	C7010	PW C	CE04W16V-470M(PW)	393744717	1
AR8894	C7011	VX C	CE04W10V-220M(VX_BLK)	397332217	1
AR8894	C7012	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7013	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7017	VX C	CE04W16V-2200M(VX_BLK)	397342227S	1
AR8894	C7018	VX C	CE04W16V-2200M(VX_BLK)	397342227S	1
AR8894	C7024	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7025	C-CERA C	CK725F1H-104Z1	332151040R1	1
AR8894	C7501	TF C	ECQ-V50V-683J	374726834	**MDD1N** 1
AR8894	C7502	VX C	CE04W10V-100M(VX_BLK)	397331017	**MDD1N, N** 1
AR8894	C7503	C-CERA C	CK725F1H-104Z1	332151040R1	**MDD1N** 1
AR8894	C7504	C-CERA C	CK725F1H-104Z1	332151040R1	**MDD1N** 1
AR8894	C7505	C-CERA C	CK725F1H-104Z1	332151040R1	**MDD1N** 1

AR8894	C7506	VX C	CE04W50V-0.47M(VX_BLK)	397384797	**MDD1N, N**	1
AR8894	C7507	VX C	CE04W50V-0.47M(VX_BLK)	397384797	**MDD1N, N**	1
AR8894	C7508	C-CERA C	CK725F1H-104Z1	332151040R1	**MDD1N**	1
AR8894	C7509	VX C	CE04W50V-0.47M(VX_BLK)	397384797	**MDD1N, N**	1
AR8894	C7510	C-CERA C	CK725F1H-104Z1	332151040R1	**MDD1N**	1
AR8894	C7512	VX C	CE04W50V-0.47M(VX_BLK)	397384797	**MDD1N, N**	1
AR8894	C7514	VX C	CE04W10V-100M(VX_BLK)	397331017	**MDD1N, N**	1
AR8894	C8001	ELECT C	CE04W50V-22M	355782209		1
AR8894	C8002	C-CERA C	CK725F1H-104Z1	332151040R1		1
AR8894	C8003	ELECT C	CE04W6.3V-100M	355721019		1
AR8894	C8004	C-CERA C	CK725F1H-104Z1	332151040R1		1
AR8894	C8005	C-CERA C	CK725F1H-223Z1	332152230R1		1
AR8894	C8006	C-CERA C	CK725F1H-104Z1	332151040R1		1
AR8894	C8007	C-CERA C	CC725CH1H-220J1	342102204R1		1
AR8894	C8008	C-CERA C	CC725CH1H-220J1	342102204R1		1
AR8894	C8009	C-CERA C	CC725CH1H-220J1	342102204R1		1
AR8894	C8010	C-CERA C	CK725F1H-104Z1	332151040R1		1
AR8894	C8011	ELECT C	CE04W6.3V-100M	355721019		1
AR8894	D4101	C-DIODE	1SS352	223234R2		1
AR8894	D4101 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4102	C-DIODE	1SS352	223234R2		1
AR8894	D4102 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4201	C-DIODE	1SS352	223234R2		1
AR8894	D4201 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4202	C-DIODE	1SS352	223234R2		1
AR8894	D4202 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4203	C-DIODE	1SS352	223234R2		1
AR8894	D4203 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4204	C-DIODE	1SS352	223234R2		1
AR8894	D4204 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4205	C-DIODE	1SS352	223234R2		1
AR8894	D4205 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4301	C-DIODE	1SS352	223234R2		1
AR8894	D4301 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D4302	C-DIODE	1SS352	223234R2		1
AR8894	D4302 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D7001	C-DIODE	1SS352	223234R2		1
AR8894	D7001 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D7002	ZENER D	UDZS5.6B	224550560R2		1
AR8894	D7003	DIODE	GP104003E	22380035		1
AR8894	D7003 or	DIODE	RL1N4003	22380260		(1)
AR8894	D7004	C-DIODE	1SS352	223234R2		1
AR8894	D7004 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D7005	C-DIODE	1SS352	223234R2		1
AR8894	D7005 or	C-DIODE	1SS355	223269R2		(1)
AR8894	D8001	ZENER D	UDZS5.6B	224550560R2		1
AR8894	D8002	LED	SEL2910A-TP6	225390		1
AR8894	D8005	LED	SLI-343URC-TB7	225452		1
AR8894	E801	CLAMP	WS-2NS	27300833		1
AR8894	E802	CLAMP	HL-28-0	27301396		1
AR8894	JL8001A	WIRE HOL	NSCT-3P874	25051087		1
AR8894	JL8001B	WIRE HOL	NSCT-3P874	25051087		1
AR8894	L4501	CHOKE COIL	NCH-1471	231237M022R2		1
AR8894	L4502	CHOKE COIL	NCH-1471	231237M022R2		1
AR8894	L4503	CHOKE COIL	BLM21B222SPT	230921R2		1
AR8894	L7002	CHOKE COIL	BLM21B222SPT	230921R2		1

AR8894	L7003	CHOKE COIL	NCH-1475	231237K100R2		1
AR8894	L7004	CHOKE COIL	NCH-1475	231237K100R2		1
AR8894	L7005	CHOKE COIL	NCH-1475	231237K100R2		1
AR8894	L7006	CHOKE COIL	NCH-1473	231237M047R2		1
AR8894	L7502	EMIFIL	BK1608LM182-T	230958R1		1
AR8894	L7503	EMIFIL	BK1608LM182-T	230958R1		1
AR8894	L7504	EMIFIL	BK1608LM182-T	230958R1		1
AR8894	L7505	EMIFIL	BK1608LM182-T	230958R1		1
AR8894	L7506	CHOKE COIL	NCH-1471	231237M022R2		1
AR8894	L7507	CHOKE COIL	NCH-1471	231237M022R2		1
AR8894	P1103B	SOCKET AS	NSAS-6P1607	2009991018UL	**N**	1
AR8894	P1371B	SOCKET	NSCT-15P2433	25052536	**MPP2P**	1
AR8894	P1371Bor	SOCKET	NSCT-15P2249	25052352	**MPP2P**	(1)
AR8894	P1401B	SOCKET	NSCT-29P2226	25052329		1
AR8894	P1701B	SOCKET	NSCT-10P2207	25052310		1
AR8894	P1901B	PLUG	NPLG-9P137	25055153		1
AR8894	P4001	PIN JACK	NPJ-2PDRW435	25045628		1
AR8894	P4002	PIN JACK	NPJ-6PDWRLECP508	25045717		1
AR8894	P4003	PIN JACK	NPJ-2PDNT644	25045868	**N**	1
AR8894	P4004	SOCKET AS	NSAS-6P1611	2009991019UL	**N**	1
AR8894	P4006	PIN JACK	NPJ-2PDB400	25045589		1
AR8894	P4007	PIN JACK	NPJ-1PDOR369	25045548		1
AR8894	P6002	SOCKET	YKF41-5050	25053036	**MPP2P**	1
AR8894	P6003	PLUG	NPLG-3P350	25055367	**MPP2P**	1
AR8894	P7501	ST JACK	HSJ1002-01-1020	25045647	**MDD1N**	1
AR8894	P7502	SOCKET	NSCT-9P2277	25052379	**MDD1N**	1
AR8894	P7502 or	SOCKET	7906-09FHA	25053103	**MDD1N**	(1)
AR8894	P7503A	PLUG	NPLG-6P134	25055150		1
AR8894	P7503B	SOCKET AS	NSAS-12P1627	2002A391235UL	**MDD1N**	1
AR8894	P8001A	SOCKET	NSCT-7P2241	25052344		1
AR8894	P8002A	SOCKET	NSCT-17P2214	25052317		1
AR8894	P8002B	SOCKET	NSCT-17P2251	25052354		1
AR8894	P9001	SOCKET AS	NSAS-30P1628	2004C193065UL		1
AR8894	P9002A	AC INLET	NPLG-2P913	25055960		1
AR8894	P9003	SOCKET AS	NSAS-4P1629	2009991035UL		1
AR8894	Q1706	IC	TC7SZ125FU(TE85L_F)	22241895R2		1
AR8894	Q1707	IC	TC7SZ125FU(TE85L_F)	22241895R2		1
AR8894	Q4001	IC	CS4398-CZZ(R)	22242227R2		1
AR8894	Q4002	IC	MPC29M33HF	22278033ENE		1
AR8894	Q4003	IC	78M05HF(MPC78M05HF)	222780055NEC		1
AR8894	Q4021	IC	CS4398-CZZ(R)	22242227R2		1
AR8894	Q4022	IC	MPC29M33HF	22278033ENE		1
AR8894	Q4023	IC	78M05HF(MPC78M05HF)	222780055NEC		1
AR8894	Q4041	IC	CS4398-CZZ(R)	22242227R2		1
AR8894	Q4042	IC	MPC29M33HF	22278033ENE		1
AR8894	Q4043	IC	78M05HF(MPC78M05HF)	222780055NEC		1
AR8894	Q4061	IC	TC7SHU04FU	22241638R2		1
AR8894	Q4101	IC	NJM4580M-D	22241448R2		1
AR8894	Q4102	IC	NJM4580M-D	22241448R2		1
AR8894	Q4103	IC	NJM4580M-D	22241448R2		1
AR8894	Q4104	IC	NJM4580M-D	22241448R2		1
AR8894	Q4105	TR	2SD655-E	2211705		1
AR8894	Q4105 or	TR	2SD655-F	2211706		(1)
AR8894	Q4106	TR	2SD655-E	2211705		1
AR8894	Q4106 or	TR	2SD655-F	2211706		(1)
AR8894	Q4107	TR	2SD655-E	2211705		1

AR8894	Q4107 or	TR	2SD655-F	2211706		(1)
AR8894	Q4108	TR	2SD655-E	2211705		9/18 PAGE
AR8894	Q4108 or	TR	2SD655-F	2211706		(1)
AR8894	Q4109	TR	KRA107S	2216350R2		1
AR8894	Q4110	TR	KRC107S	2216340R2		1
AR8894	Q4201	IC	NJM4580M-D	22241448R2		1
AR8894	Q4202	IC	NJM4580M-D	22241448R2		1
AR8894	Q4203	IC	NJM4580M-D	22241448R2		1
AR8894	Q4204	IC	NJM4580M-D	22241448R2		1
AR8894	Q4205	TR	2SD655-E	2211705		1
AR8894	Q4205 or	TR	2SD655-F	2211706		(1)
AR8894	Q4206	TR	2SD655-E	2211705		1
AR8894	Q4206 or	TR	2SD655-F	2211706		(1)
AR8894	Q4207	TR	2SD655-E	2211705		1
AR8894	Q4207 or	TR	2SD655-F	2211706		(1)
AR8894	Q4208	TR	2SD655-E	2211705		1
AR8894	Q4208 or	TR	2SD655-F	2211706		(1)
AR8894	Q4209	TR	KRA107S	2216350R2		1
AR8894	Q4210	TR	KRC107S	2216340R2		1
AR8894	Q4211	TR	2SD655-E	2211705		1
AR8894	Q4211 or	TR	2SD655-F	2211706		(1)
AR8894	Q4212	TR	2SD655-E	2211705		1
AR8894	Q4212 or	TR	2SD655-F	2211706		(1)
AR8894	Q4213	TR	2SD655-E	2211705		1
AR8894	Q4213 or	TR	2SD655-F	2211706		(1)
AR8894	Q4214	TR	2SD655-E	2211705		1
AR8894	Q4214 or	TR	2SD655-F	2211706		(1)
AR8894	Q4215	TR	2SC2712-O	2213143R2		1
AR8894	Q4215 or	TR	2SC2712-Y(TE85L_F)	2213144R2		(1)
AR8894	Q4215 or	TR	2SC2712-GR	2213145R2		(1)
AR8894	Q4216	TR	2SC2712-O	2213143R2		1
AR8894	Q4216 or	TR	2SC2712-Y(TE85L_F)	2213144R2		(1)
AR8894	Q4216 or	TR	2SC2712-GR	2213145R2		(1)
AR8894	Q4217	IC	NJM4580M-D	22241448R2		1
AR8894	Q4301	IC	NJM4580M-D	22241448R2		1
AR8894	Q4302	IC	NJM4580M-D	22241448R2		1
AR8894	Q4303	IC	NJM4580M-D	22241448R2		1
AR8894	Q4304	IC	NJM4580M-D	22241448R2		1
AR8894	Q4305	TR	2SD655-E	2211705		1
AR8894	Q4305 or	TR	2SD655-F	2211706		(1)
AR8894	Q4306	TR	2SD655-E	2211705		1
AR8894	Q4306 or	TR	2SD655-F	2211706		(1)
AR8894	Q4307	TR	2SD655-E	2211705		1
AR8894	Q4307 or	TR	2SD655-F	2211706		(1)
AR8894	Q4308	TR	2SD655-E	2211705		1
AR8894	Q4308 or	TR	2SD655-F	2211706		(1)
AR8894	Q4309	TR	KRA107S	2216350R2		1
AR8894	Q4310	TR	KRC107S	2216340R2		1
AR8894	Q4502	PHT CP	GP1FAV51TKBF	24120132		1
AR8894	Q4502 or	PHT CP	JST1165-001transmitting	24120142		(1)
AR8894	Q4503	IC	TC74VHCU04FT	22274004HR2TO		1
AR8894	Q6001	IC	BH7868FS	22242329R2	**MPP2P**	1
AR8894	Q7001	IC	MPD78F4225GC-315-8BT-A	22242422R3		1
AR8894	Q7002	IC	S-80130CNMC-JKP-T2	22242354R2		1
AR8894	Q7003	TR	KRA107S	2216350R2		1
AR8894	Q7004	TR	2SD655-E	2211705		1

AR8894	Q7004 or	TR	2SD655-F	2211706		(1)
AR8894	Q7005	IC	TC74VHCT125AFT (EKJ)	22274125G1R2TO		1
AR8894	Q7006	TR	2SA1162-GR	2214375R2		1
AR8894	Q7006 or	TR	2SA1162-Y(TE85R_F)	2214374R2		(1)
AR8894	Q7007	TR	2SA1162-GR	2214375R2		1
AR8894	Q7007 or	TR	2SA1162-Y(TE85R_F)	2214374R2		(1)
AR8894	Q7501	PHT CP	PC817X	24120080	**MDD1N**	1
AR8894	Q7502	TR	KRC107S	2216340R2	**MDD1N**	1
AR8894	Q7503	TR	KRC107S	2216340R2	**MDD1N**	1
AR8894	Q7504	IC	ICL3221ECVZ	22242268R2	**MDD1N**	1
AR8894	Q8001	FL TUBE	HNV-13SS15T	212253		1
AR8894	Q8001A	CUSHION	t3*10*25	28141513		2
AR8894	Q8003	IC	MPD780232GC-091-8BT	22241989R3		1
AR8894	Q8005	TR	KRC107S	2216340R2		1
AR8894	Q8007	REMO SENS	GP1UM271XK0FH=12 MM	241360		1
AR8894	R4001	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4002	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4003	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4004	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4005	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4006	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4007	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4008	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4009	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4010	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4011	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4021	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4022	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4023	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4024	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4025	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4026	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4027	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4028	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4029	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4030	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4031	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4041	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4042	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4043	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4044	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4045	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4046	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4047	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4048	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4049	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4050	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4051	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4062	C-CARBON R	RN72K1J-104JE	435031044R1		1
AR8894	R4063	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4064	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4065	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4066	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R4067	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4101	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4102	C-CARBON R	RN72K1J-332JE	435033324R1		1

AR8894	R4103	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4104	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4109	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4110	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4111	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4112	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4113	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4114	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4115	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4116	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4117	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4118	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4119	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4120	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4121	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4122	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4123	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4124	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4125	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4126	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4127	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4128	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4129	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4130	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4131	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4132	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4133	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4134	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4135	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4136	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4137	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4138	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4139	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4140	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4141	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4142	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4143	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4144	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4145	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4146	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4149	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4150	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4151	METAL O R	RS1/2WBJ-22	443522204		1
AR8894	R4152	METAL O R	RS1/2WBJ-22	443522204		1
AR8894	R4155	C-CARBON R	RN72K1J-221JE	435032214R1	**MPP2P**	1
AR8894	R4156	C-CARBON R	RN72K1J-221JE	435032214R1	**MPP2P**	1
AR8894	R4201	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4202	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4203	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4204	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4209	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R4210	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R4211	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R4212	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R4213	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4214	C-CARBON R	RN72K1J-103JE	435031034R1		1

AR8894	R4215	C-CARBON R	RN72K1J-103JE	435031034R1	1
AR8894	R4216	C-CARBON R	RN72K1J-103JE	435031034R1	1
AR8894	R4217	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4218	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4219	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4220	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4221	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4222	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4223	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4224	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4225	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4226	C-CARBON R	RN72K1J-152JE	435031524R1	1
AR8894	R4227	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4228	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4229	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4230	C-CARBON R	RN72K1J-223JE	435032234R1	1
AR8894	R4231	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4232	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4233	C-CARBON R	RN72K1J-472JE	435034724R1	1
AR8894	R4234	C-CARBON R	RN72K1J-472JE	435034724R1	1
AR8894	R4235	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4236	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4237	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4238	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4239	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4240	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4241	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4242	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4243	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4244	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4245	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4246	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4249	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4250	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4251	METAL O R	RS1/2WBJ-22	443522204	1
AR8894	R4252	METAL O R	RS1/2WBJ-22	443522204	1
AR8894	R4255	C-CARBON R	RN72K1J-123JE	435031234R1	1
AR8894	R4256	C-CARBON R	RN72K1J-123JE	435031234R1	1
AR8894	R4257	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4258	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4259	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4260	C-CARBON R	RN72K1J-221JE	435032214R1	1
AR8894	R4261	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4262	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4263	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4264	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4267	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4268	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4269	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4270	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4271	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4272	C-CARBON R	RN72K1J-222JE	435032224R1	1
AR8894	R4273	C-CARBON R	RN72K1J-000JE	435030004R1	1
AR8894	R4274	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4275	C-CARBON R	RN72K1J-474JE	435034744R1	1
AR8894	R4277	C-CARBON R	RN72K1J-474JE	435034744R1	1

AR8894	R4278	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4301	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4302	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4303	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4304	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R4309	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4310	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4311	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4312	C-CARBON R	RN72K1J-562JE	435035624R1		1
AR8894	R4313	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4314	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4315	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4316	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R4317	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4318	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4319	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4320	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4321	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4322	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4323	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4324	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4325	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4326	C-CARBON R	RN72K1J-152JE	435031524R1		1
AR8894	R4327	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4328	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4329	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4330	C-CARBON R	RN72K1J-223JE	435032234R1		1
AR8894	R4331	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4332	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4333	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4334	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4335	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4336	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4337	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4338	C-CARBON R	RN72K1J-221JE	435032214R1		1
AR8894	R4339	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4340	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R4341	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4342	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4343	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4344	C-CARBON R	RN72K1J-222JE	435032224R1		1
AR8894	R4345	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4346	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4349	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4350	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4351	METAL O R	RS1/2WBJ-22	443522204		1
AR8894	R4352	METAL O R	RS1/2WBJ-22	443522204		1
AR8894	R4501	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R4503	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R4505	C-CARBON R	RN72K1J-271JE	435032714R1		1
AR8894	R4506	C-CARBON R	RN72K1J-181JE	435031814R1		1
AR8894	R4507	C-CARBON R	RN72K1J-181JE	435031814R1		1
AR8894	R4510	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R6001	C-CARBON R	RN72K1J-000JE	435030004R1	**MPP2P**	1
AR8894	R6002	C-CARBON R	RN72K1J-750JE	435037504R1	**MPP2P**	1
AR8894	R6003	C-CARBON R	RN72K1J-000JE	435030004R1	**MPP2P**	1

AR8894	R6004	C-CARBON R	RN72K1J-750JE	435037504R1	**MPP2P**	1
AR8894	R6005	C-CARBON R	RN72K1J-102JE	435031024R1	**MPP2P**	1
AR8894	R6006	C-CARBON R	RN72K1J-000JE	435030004R1	**MPP2P**	1
AR8894	R6007	C-CARBON R	RN72K1J-750JE	435037504R1	**MPP2P**	1
AR8894	R6008	C-CARBON R	RN72K1J-222JE	435032224R1	**MPP2P**	1
AR8894	R6009	C-CARBON R	RN72K1J-000JE	435030004R1	**MPP2P**	1
AR8894	R6010	C-CARBON R	RN72K1J-750JE	435037504R1	**MPP2P**	1
AR8894	R6011	C-CARBON R	RN72K1J-102JE	435031024R1	**MPP2P**	1
AR8894	R6012	C-CARBON R	RN72K1J-222JE	435032224R1	**MPP2P**	1
AR8894	R6013	C-CARBON R	RN72K1J-221JE	435032214R1	**MPP2P**	1
AR8894	R6014	C-CARBON R	RN72K1J-221JE	435032214R1	**MPP2P**	1
AR8894	R7001	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7002	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7003	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7004	C-CARBON R	RN72K1J-473JE	435034734R1		1
AR8894	R7005	C-CARBON R	RN72K1J-472JE	435034724R1	**MDD1N**	1
AR8894	R7005	C-CARBON R	RN72K1J-562JE	435035624R1	**MUA4P**	1
AR8894	R7005	C-CARBON R	RN72K1J-562JE	435035624R1	**MUT3P**	1
AR8894	R7005	C-CARBON R	RN72K1J-562JE	435035624R1	**MUK3N**	1
AR8894	R7005	C-CARBON R	RN72K1J-562JE	435035624R1	**MPP2P**	1
AR8894	R7006	C-CARBON R	RN72K1J-333JE	435033334R1	**MDD1N**	1
AR8894	R7006	C-CARBON R	RN72K1J-332JE	435033324R1	**MUA4P**	1
AR8894	R7006	C-CARBON R	RN72K1J-332JE	435033324R1	**MUT3P**	1
AR8894	R7006	C-CARBON R	RN72K1J-332JE	435033324R1	**MUK3N**	1
AR8894	R7006	C-CARBON R	RN72K1J-332JE	435033324R1	**MPP2P**	1
AR8894	R7007	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7008	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7009	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7010	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7011	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7012	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7013	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7014	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7015	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7016	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7017	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7018	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7020	C-CARBON R	RN72K1J-472JE	435034724R1		1
AR8894	R7021	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	R7022	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R7024	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7025	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7026	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7027	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7029	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7030	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7031	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7032	C-CARBON R	RN72K1J-474JE	435034744R1		1
AR8894	R7033	C-CARBON R	RN72K1J-473JE	435034734R1		1
AR8894	R7034	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R7035	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7036	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7037	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7038	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7040	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7043	C-CARBON R	RN72K1J-103JE	435031034R1		1

AR8894	R7044	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7045	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7047	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7048	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7049	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7050	C-CARBON R	RN72K1J-103JE	435031034R1	**MUA4P**	1
AR8894	R7050	C-CARBON R	RN72K1J-332JE	435033324R1	**MUT3P**	1
AR8894	R7050	C-CARBON R	RN72K1J-103JE	435031034R1	**MUK3N**	1
AR8894	R7050	C-CARBON R	RN72K1J-332JE	435033324R1	**MPP2P**	1
AR8894	R7051	C-CARBON R	RN72K1J-563JE	435035634R1		1
AR8894	R7053	C-CARBON R	RN72K1J-333JE	435033334R1	**MDD1N**	1
AR8894	R7053	C-CARBON R	RN72K1J-333JE	435033334R1	**MUA4P**	1
AR8894	R7053	C-CARBON R	RN72K1J-333JE	435033334R1	**MUT3P**	1
AR8894	R7053	C-CARBON R	RN72K1J-333JE	435033334R1	**MUK3N**	1
AR8894	R7053	C-CARBON R	RN72K1J-562JE	435035624R1	**MPP2P**	1
AR8894	R7054	C-CARBON R	RN72K1J-000JE	435030004R1	**MDD1N**	1
AR8894	R7054	C-CARBON R	RN72K1J-103JE	435031034R1	**MUT3P**	1
AR8894	R7054	C-CARBON R	RN72K1J-332JE	435033324R1	**MUK3N**	1
AR8894	R7054	C-CARBON R	RN72K1J-562JE	435035624R1	**MPP2P**	1
AR8894	R7055	C-CARBON R	RN72K1J-333JE	435033334R1		1
AR8894	R7057	C-CARBON R	RN72K1J-472JE	435034724R1	**MDD1N**	1
AR8894	R7057	C-CARBON R	RN72K1J-472JE	435034724R1	**MUA4P**	1
AR8894	R7057	C-CARBON R	RN72K1J-472JE	435034724R1	**MUT3P**	1
AR8894	R7057	C-CARBON R	RN72K1J-472JE	435034724R1	**MUK3N**	1
AR8894	R7057	C-CARBON R	RN72K1J-332JE	435033324R1	**MPP2P**	1
AR8894	R7058	METAL O R	RS1/2WBJ-12	443521204		1
AR8894	R7059	METAL O R	RS1/2WBJ-12	443521204		1
AR8894	R7060	C-CARBON R	RN72K1J-102JE	435031024R1		1
AR8894	R7061	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R7062	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R7063	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7064	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7065	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7066	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7067	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7068	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7071	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7072	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R7073	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7074	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7075	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7079	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7080	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7081	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7082	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7083	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R7084	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7085	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7086	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7087	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7088	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R7089	C-CARBON R	RN72K1J-473JE	435034734R1		1
AR8894	R7090	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R7501	C-CARBON R	RN72K1J-332JE	435033324R1	**MDD1N**	1
AR8894	R7502	C-CARBON R	RN72K1J-000JE	435030004R1	**MDD1N**	1
AR8894	R7503	C-CARBON R	RN72K1J-332JE	435033324R1	**MDD1N**	1

AR8894	R7504	C-CARBON R	RN72K1J-103JE	435031034R1	**MDD1N**	1
AR8894	R7505	C-CARBON R	RN72K1J-101JE	435031014R1	**MDD1N**	1
AR8894	R7506	C-CARBON R	RN72K1J-000JE	435030004R1	**MDD1N**	1
AR8894	R7507	C-CARBON R	RN72K1J-101JE	435031014R1	**MDD1N**	1
AR8894	R7510	C-CARBON R	RN72K1J-000JE	435030004R1	**MDD1N**	1
AR8894	R7512	C-CARBON R	RN72K1J-103JE	435031034R1	**MDD1N**	1
AR8894	R7522	C-CARBON R	RN72K1J-470JE	435034704R1	**MDD1N**	1
AR8894	R7526	C-CARBON R	RN72K1J-103JE	435031034R1	**MDD1N**	1
AR8894	R7527	C-CARBON R	RN72K1J-470JE	435034704R1	**MDD1N**	1
AR8894	R7528	C-CARBON R	RN72K1J-470JE	435034704R1	**MDD1N**	1
AR8894	R8001	C-CARBON R	RN72K1J-391JE	435033914R1		1
AR8894	R8002	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8003	C-CARBON R	RN72K1J-821JE	435038214R1		1
AR8894	R8004	C-CARBON R	RN72K1J-102JE	435031024R1		1
AR8894	R8005	C-CARBON R	RN72K1J-182JE	435031824R1		1
AR8894	R8006	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R8007	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R8008	C-CARBON R	RN72K1J-000JE	435030004R1		1
AR8894	R8009	C-CARBON R	RN72K1J-472JE	435034724R1		1
AR8894	R8010	C-CARBON R	RN72K1J-391JE	435033914R1		1
AR8894	R8011	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8012	C-CARBON R	RN72K1J-821JE	435038214R1		1
AR8894	R8013	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R8014	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R8017	C-CARBON R	RN72K1J-391JE	435033914R1		1
AR8894	R8018	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8019	C-CARBON R	RN72K1J-821JE	435038214R1		1
AR8894	R8020	C-CARBON R	RN72K1J-102JE	435031024R1		1
AR8894	R8021	C-CARBON R	RN72K1J-182JE	435031824R1		1
AR8894	R8022	C-CARBON R	RN72K1J-392JE	435033924R1		1
AR8894	R8023	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R8024	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R8025	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R8026	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R8027	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R8028	C-CARBON R	RN72K1J-272JE	435032724R1		1
AR8894	R8029	C-CARBON R	RN72K1J-103JE	435031034R1		1
AR8894	R8032	C-CARBON R	RN72K1J-470JE	435034704R1		1
AR8894	R8033	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R8034	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8035	C-CARBON R	RN72K1J-333JE	435033334R1		1
AR8894	R8036	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8037	C-CARBON R	RN72K1J-391JE	435033914R1		1
AR8894	R8038	C-CARBON R	RN72K1J-471JE	435034714R1		1
AR8894	R8039	C-CARBON R	RN72K1J-391JE	435033914R1		1
AR8894	R8041	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R8042	C-CARBON R	RN72K1J-101JE	435031014R1		1
AR8894	R8051	C-CARBON R	RN72K1J-332JE	435033324R1		1
AR8894	S4001	SLIDE SW	NSS-22155	25065414		1
AR8894	S8001	PUSH SW	NPS-111-S681	25035718		1
AR8894	S8002	PUSH SW	NPS-111-S681	25035718		1
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AR8894	S8015	PUSH SW	NPS-111-S681	25035718	1
AR8894	X7001	CERA LOCK	EFOEC1255T4	3010437	1
AR8894	X8001	CERA LOCK	CSTLS5M00G56-A0	3010406	1

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